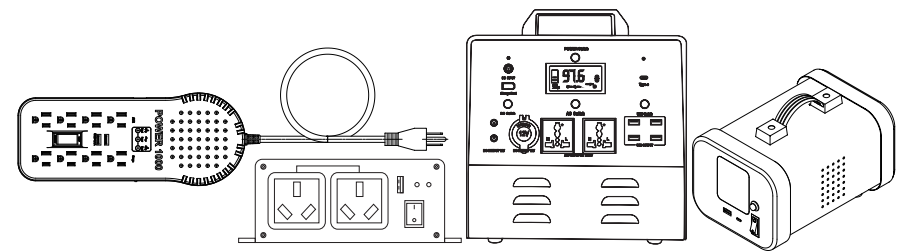


Innovation
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Responsibility

PRODUCT CATALOG

- REGULATOR SOCKETS
- VOLTAGE STABILIZER
- POWER INVERTER
- POWER SUPPLY



CATALOGUE



VOLTAGE REGULATOR SOCKETS	P3-P10
AUTOMATIC VOLTAGE STABILIZER	P11-P60
POWER INVERTER	P61-P76
PORTABLE POWER SUPPLY	P77-P98
SOLAR PANEL SERIES	P99-P102
LINE INTERACTIVE UPS	P103-P110



VOLTAGE REGULATOR SOCKETS

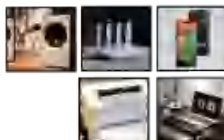
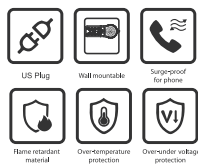
01 /

VOLTAGE REGULATOR SOCKETS is used in some unstable electrical environments, making the circuit more stable and reducing the damage to electrical appliances caused by sudden power outages.



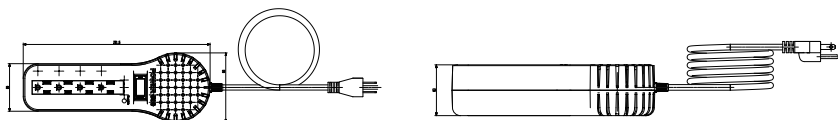
● GD-ARS-US4

500VA/300W



Capacity:500VA/300W

Input nominal voltage: 120VAC
 Input voltage range: 92VAC–134VAC
 Frequency:50/60Hz
 Output nominal voltage: 115VAC
 Output range: 103~127VAC
 Normal: Green LED
 Dimensions:(length x width x height): (25 × 8,3 × 6,3) CM



● GD-ARS-US8

1000VA/400W 2000VA/1200W

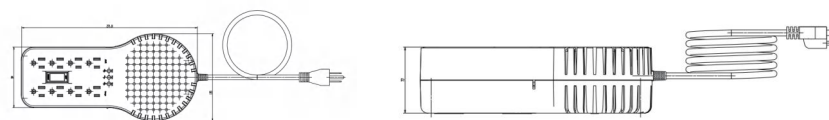


Capacity:1000VA/400W

Input nominal voltage:120VAC
 Input voltage range: 95VAC–145VAC
 Frequency:50–60Hz
 Output nominal voltage:115VAC
 Output range:108~132VAC

Capacity: 2000VA/1200W

Input nominal voltage:120VAC
 Frequency :50–60Hz
 Input voltage range: 95VAC–145VAC
 Output voltage: 120VAC+/-9.5%(108–131)
 Output current: 10A-Nominal
 NEMA 5–15R: 8 outlets



● GD-ARS-US8DU

1000VA/400W
2000VA/1200W

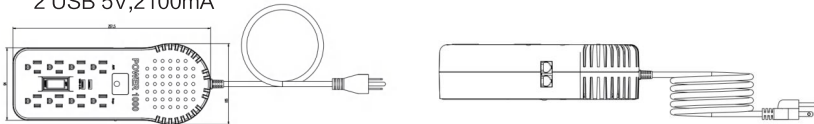


Capacity: 1000VA/400W

Input nominal voltage: 120VAC
Input voltage range: 95VAC-145VAC
Frequency: 50-60Hz
Output nominal voltage: 115VAC
Output voltage range: 102-132VAC
NEMA 5-15R x 8
Digital display
2 USB 5V,2100mA

Capacity: 2000VA/1200W

Input nominal voltage: 120VAC
Frequency:50-60Hz
Input voltage range: 95VAC-145VAC
Output voltage: 120VAC+/-9.5%(108-131)
Output current: 10A-Nominal
Exits: Regulated and protected
NEMA 5-15R: 8 outlets
Digital display
2 USB 5V,2100mA



● GD-ARS-US8U

1000VA/400W
2000VA/1200W

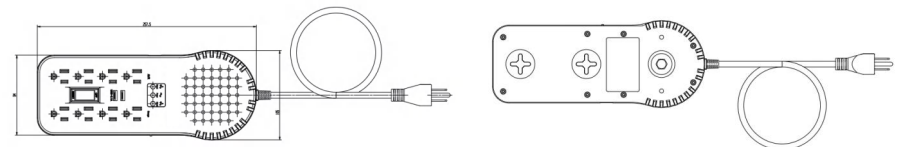


Capacity:1000VA/400W

Relay type
Voltage & temperature protection
Input voltage:140-260V/90-130V
Output voltage:220V ± 8%,110V ± 10% AC
Frequency:50/60Hz
Time delay:2/10/30sec
2 USB 5V,2100mA

Capacity:2000VA/1200W

Relay type
Voltage & temperature protection
Input voltage:140-260V/90-130V
Output voltage:220V ± 8%,110V ± 10% AC
Frequency:50/60Hz
Time delay:2/10/30sec
2 USB 5V,2100mA



● GD-ARS-US8U

1000VA/400W
2000VA/1200W



RJ45/11



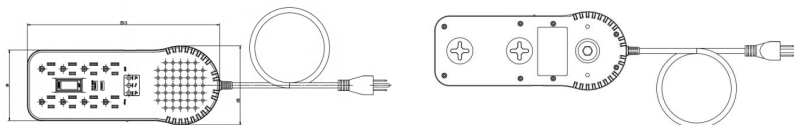
Capacity:1000VA/400W

Relay type
Voltage & temperature protection
Input voltage:140-260V/90-130V
Output voltage:220V ± 8%, 110V ± 10% AC
Frequency:50/60Hz
Time delay:2/10/30sec
2 USB 5V,2100mA
Modular jack: RJ45/11



Capacity:2000VA/1200W

Relay type
Voltage & temperature protection
Input voltage:140-260V/90-130V
Output voltage:220V ± 8%, 110V ± 10% AC
Frequency:50/60Hz
Time delay:2/10/30sec
2 USB 5V,2100mA
Modular jack: RJ45/11



● GD-ARS-US8U

1200VA/600W
3000VA/1800W



RJ45/11



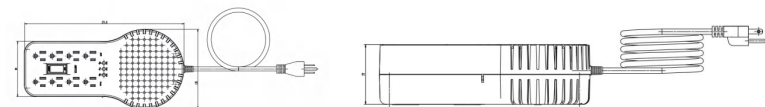
Capacity: 1200VA/600W

Input nominal voltage: 120VAC
Input voltage range: 95VAC-145VAC
Frequency: 50-60Hz
Output nominal voltage: 115VAC
Output voltage range: 102-132VAC
NEMA 5-15R × 8
Digital display
2 USB 5V,2100mA
Modular jack: RJ45/11



Capacity: 3000VA/1800W

Input nominal voltage: 120VAC
Frequency:50-60Hz
Input voltage range: 95VAC-145VAC
Output voltage: 120VAC+/-9.5%(108-131)
Output current: 10A-Nominal
Exits: Regulated and protected
NEMA 5-15R: 8 outlets
Digital display
2 USB 5V,2100mA
Modular jack: RJ45/11





AUTOMATIC VOLTAGE STABILIZER

02/

Large capacity, highly efficient;
Wide voltage stabilizing range;
High precision and stepless adjustment,
Strong protection;

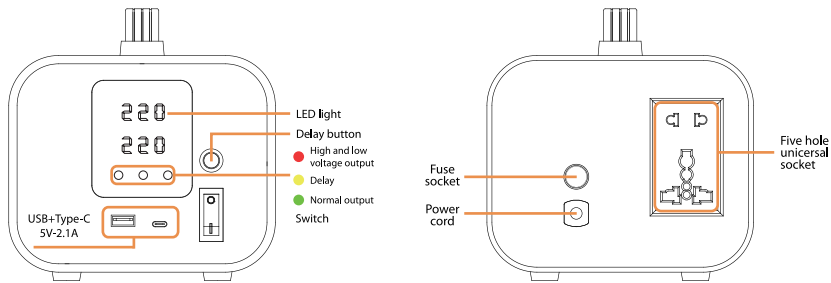


● GD-AVR09

1000VA/800W

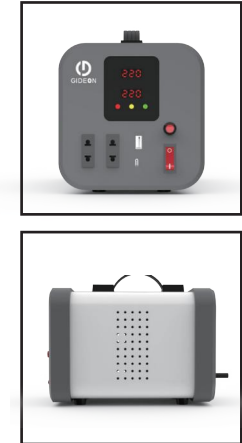


Model	GD-AVR09-1000VA
Input voltage	AC 95V-280V
Output voltage	AC 220V±10% 50/60Hz
Power	800W
Delay time	3-5Sec/3-7min
Ambient temperature	-20°C~40°C
Size	22.9x16x13.5cm

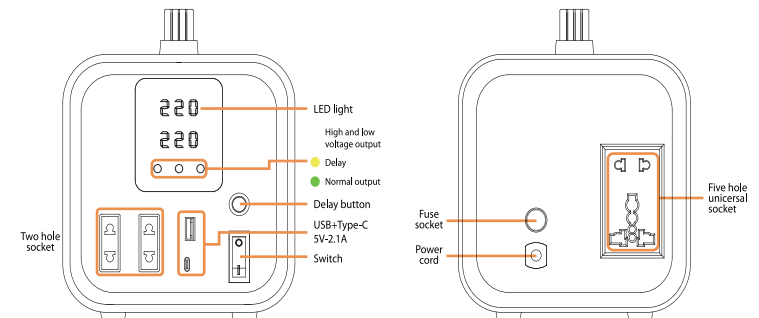


● GD-AVR09

1500VA/1200W



Model	GD-AVR09-1500VA
Input voltage	AC 95V-280V
Output voltage	AC 220V±10% 50/60Hz
Power	1200W
Delay time	3-5Sec/3-7min
Ambient temperature	- 0°C~40°C
Size	23.5x16x17.4cm



● GD-AVR10

10KVA

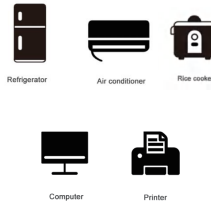


● GD-AVR11

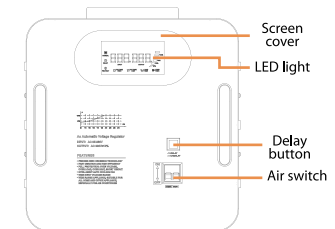
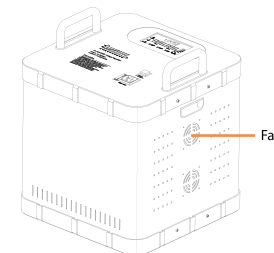
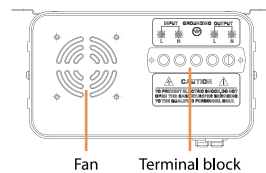
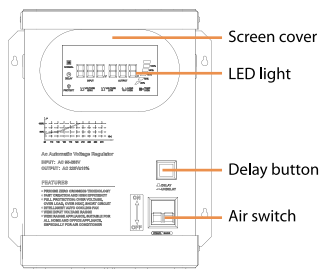
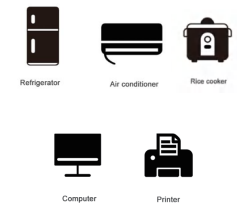
20KVA



Model	GD-AVR10-10KVA
Input voltage	AC 95V-280V
Output voltage	AC 220V±10% 50/60Hz
Power	10KVA
Delay time	3-5Sec/3-7min
Ambient temperature	-20°C~40°C
Size	41.7x32x15.9cm



Model	GD-AVR11-20KVA
Input voltage	AC 95V-280V
Output voltage	AC 220V±10% 50/60Hz
Power	20KVA
Delay time	3-5Sec/3-7min
Ambient temperature	-20°C~40°C
Size	60.2x53.8x51.6cm



● GD-VRD24-R

500VA-5000VA



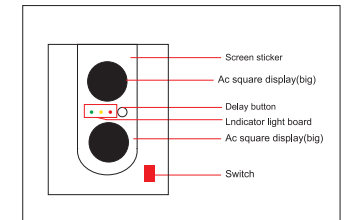
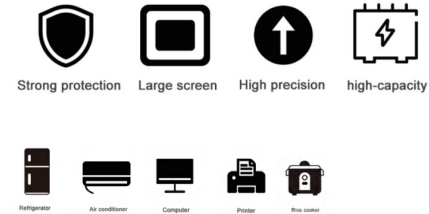
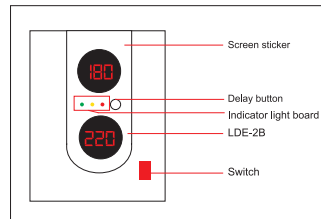
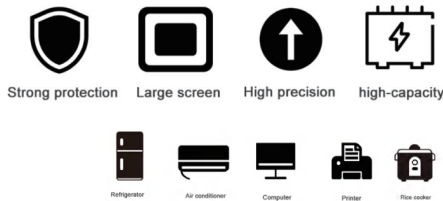
● GD-VRD24-N

500VA-5000VA



MODEL	GD-VRD24-R(500VA-5000VA)		
Input Voltage	AC 80-280V	AC 100-280V	AC 140-260V
Output voltage	AC 220V±10% 45-65Hz		
Delay Time	6s/180s selectable		
Protection	Over Voltage (246V+4V),Overload, High Temperature,Short Circuit		
POWER	500VA/300W	1000VA/600W	1500VA/900W
			2000VA/1200W
			3000VA/1800W
			5000VA/3000W
PRODUCT SIZE(CM)	12×15×22.2	14×17.5×25	26×46×11.5
PACKING SIZE(CM)	51.5×27.5×18.5	34.5×31.8×44.4	54.5×36.2×33
PCS/CARTON	4PCS	4PCS	2PCS

MODEL	GD-VRD24-N(500VA-5000VA)		
Input Voltage	AC 80-280V	AC 100-280V	AC 140-260V
Output voltage	AC 220V±10% 45-65Hz		
Delay Time	6s/180s selectable		
Protection	Over Voltage (246V+4V),Overload, High Temperature,Short Circuit		
POWER	500VA/300W	1000VA/600W	1500VA/900W
			2000VA/1200W
			3000VA/1800W
			5000VA/3000W
PRODUCT SIZE(CM)	12×15×22.2	14×17.5×25	26×46×11.5
PACKING SIZE(CM)	51.5×27.5×18.5	34.5×31.8×44.4	54.5×36.2×33
PCS/CARTON	4PCS	4PCS	2PCS

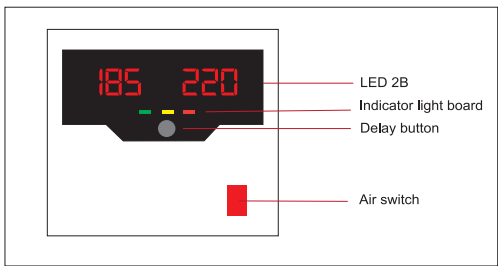
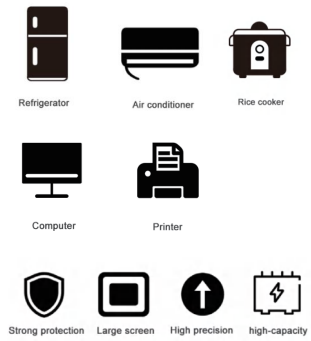


GD-VRD28-R

500VA-5000VA



MODEL	GD-VRD28-R(500VA-5000VA)				
Input Voltage	AC 80-280V	AC 100-280V	AC 140-260V		
Output voltage	AC 220V±10% 45-65Hz				
Delay Time	6s/180s selectable				
Protection	Over Voltage (246V+4V),Overload, High Temperature,Short Circuit				
POWER	500VA/300W	1000VA/600W	1500VA/900W	2000VA/1200W	3000VA/1800W 5000VA/3000W
PRODUCT SIZE(CM)	12×15×22.2	14×17.5×25		26×46×11.5	
PACKING SIZE(CM)	51.5×27.5×18.5	34.5×31.8×44.4		54.5×36.2×33	
PCS/CARTON	4PCS	4PCS		2PCS	

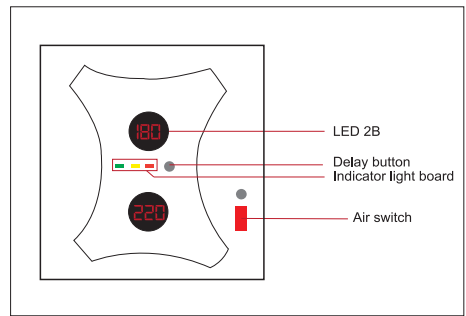
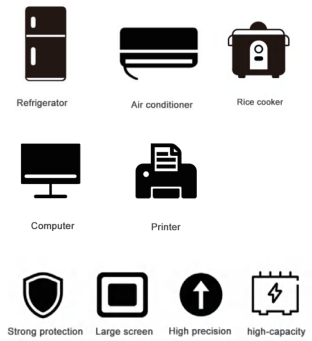


GD-VRD36-B

500VA-5000VA



MODEL	GD-VRD36-B(500VA-5000VA)				
Input Voltage	AC 80-280V	AC 100-280V	AC 140-260V		
Output voltage	AC 220V±10% 45-65Hz				
Delay Time	6s/180s selectable				
Protection	Over Voltage (246V+4V),Overload, High Temperature,Short Circuit				
POWER	500VA/300W	1000VA/600W	1500VA/900W	2000VA/1200W	3000VA/1800W 5000VA/3000W
PRODUCT SIZE(CM)	12×15×22.2	14×17.5×25		26×46×11.5	
PACKING SIZE(CM)	51.5×27.5×18.5	34.5×31.8×44.4		54.5×36.2×33	
PCS/CARTON	4PCS	4PCS		2PCS	



● GD-VRD38-B

500VA-5000VA



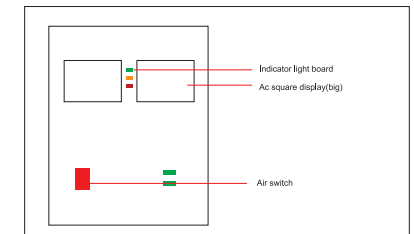
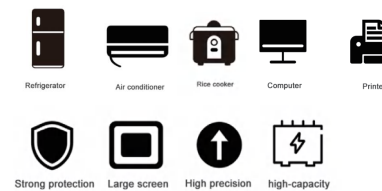
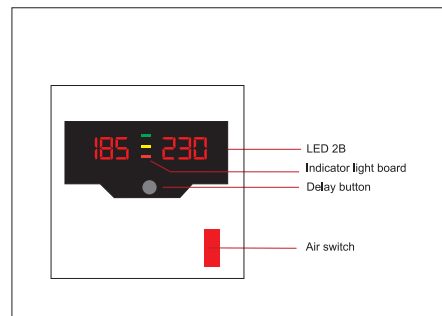
● GD-VRD26

500VA-10000VA



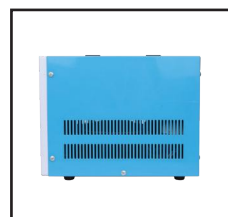
MODEL	GD-VRD38-B(500VA-10000VA)							
Input Voltage	AC 100-260V				AC 140-260V			
Output voltage	AC 220V±3% 45-65Hz							
Delay Time	6s/180s selectable							
Protection	Over Voltage (246V+4V), Overload, High Temperature, Short Circuit							
POWER	500VA/300W	1000VA/600W	1500VA/900W	2000VA/1200W	3000VA/1800W	5000VA/3000W	8000VA/4800W	10000VA/6000W
PRODUCT SIZE(CM)	19×15×26	19×15×27	19×15×27	24×20.5×33.5	24×20.5×33.5	29×22×41.5	29×22×41.5	34.5×21×26
PACKING SIZE(CM)	46.5×33×41	46.5×33×41	46.5×33×21.5	38.5×29×29	38.5×29×29	46.5×34×30.5	46.5×34×30.5	42×29×32
PCS/CARTON	4PCS	2PCS	2PCS	1PCS	1PCS	1PCS	1PCS	1PCS

MODEL	GD-VRD26-R(500VA-10000VA)							
Input Voltage	AC 160-250V							
Output voltage	AC 220V/110V±8%							
Protection	With over current protector							
POWER	500VA/300W	1000VA/600W	1500VA/900W	2000VA/1200W	3000VA/1800W	5000VA/3000W	8000VA/4800W	10000VA/6000W
PRODUCT SIZE(CM)	18.5×11×14	25×14×19	25×14×19	25×14×19	34.5×21×26	34.5×21×26	34.5×21×26	34.5×21×26
PACKING SIZE(CM)	48×27×31	33×31×42	33×31×42	33×31×42	42×29×32	42×29×32	42×29×32	42×29×32
PCS/CARTON	8PCS	4PCS	4PCS	4PCS	1PCS	1PCS	1PCS	1PCS

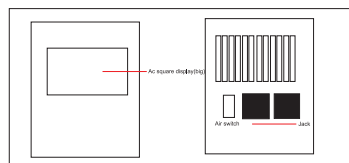
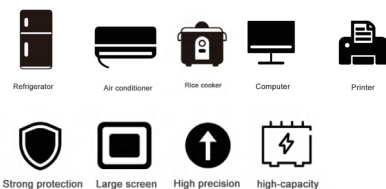


● GD-VRW12

500VA-10000VA



Model	GD-VRW12 (500VA-10000VA)							
Input Voltage	100-270V							
Output voltage	220%±8%							
Protection	Output: 220/110v Frequency 50Hz With short delay; 3-6S With overvoltage protection, Overvoltage display h undervoltage display L Display current with load With overcurrent protection							
Power	500VA	1000VA	2000VA	3000VA	3500VA	5000VA	7000VA	10000VA
Product size(cm)	28*31*32	28*31*32	28*31*32	33*27*28	33*27*28	33*27*28	36*28*33	36*28*33
PCS/CARTON	4PSC	4PSC	4PSC	1PSC	1PSC	1PSC	1PSC	1PSC

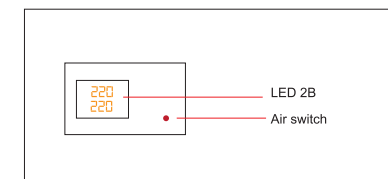
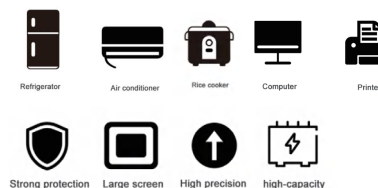


● GD-VRW20

500VA-10000VA



Model	GD-VRW20 (500VA-10000VA)								
Input Voltage	145-265V								
Output voltage	220%±8%								
Protection	Output: 220/110v Frequency: 50HZ Short time delay; 3-5S With overvoltage protection Display with overvoltage display H Display with undervoltage display L								
Power	500VA	1000VA	1500VA	2000VA	3000VA	3500VA	5000VA	7000VA	10000VA
Product size(cm)	29.5*55*31	29.5*55*31	29.5*55*31	29.5*55*31	33*27*28	33*27*28	36*28*33	36*28*33	36*28*33
PCS/CARTON	4PSC	4PSC	4PSC	4PSC	1PSC	1PSC	1PSC	1PSC	1PSC

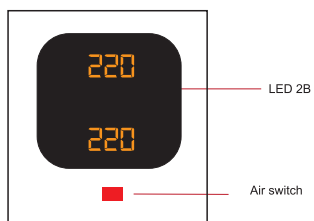
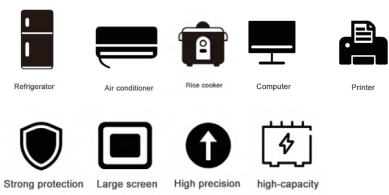


GD-VRW23

500VA-10000VA



Model	GD-VRW23 (500VA-10000VA)									
Input Voltage	100-270V									
Output voltage	220%±8%									
Protection	Output: 220/110 Frequency 50Hz Short delay 3-5s With overvoltage protection indicator light; Working indication, overvoltage indication and undervoltage indication.									
Power	500VA	1000VA	1500VA	2000VA	3000VA	3500VA	5000VA	7000VA	10000VA	
Product size(cm)	52*29*36	53*34*42	53*34*42	53*34*42	52*32.5*32	52*32.5*32	40*30*39	40*30*39	40*30*39	
PCS/CARTON	4PSC	4PSC	4PSC	4PSC	2PSC	2PSC	1PSC	1PSC	1PSC	

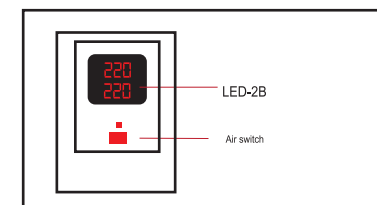
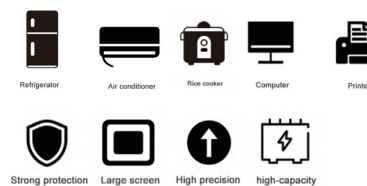


GD-VRW21

500VA-3000VA



Model	GD-VRW21 (500VA-3000VA)				
Input Voltage	145-265V				
Output voltage	220%±8%				
Protection	Output: 220/110v Frequency; 50HZ Long and short delay; 3-5S/180S With overvoltage protection				
Power	500VA	1000VA	1500VA	2000VA	3000VA
Product size(cm)	48*31*40	48*31*40	48*31*40	48*31*40	48*31*40
PCS/CARTON	4PSC	4PSC	4PSC	4PSC	4PSC



● **GD-VRD12-W**
500VA-5KVA

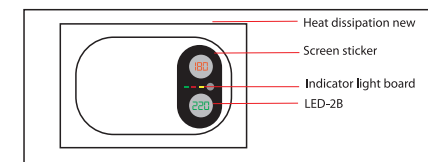
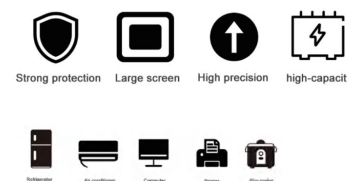
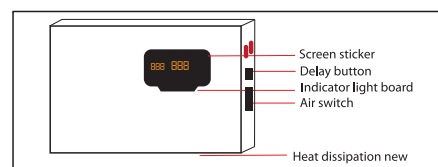
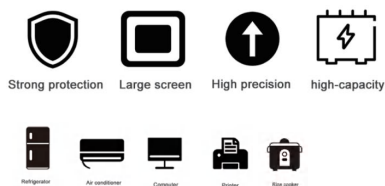


● **GD-VRD35**
500VA-5KVA



MODEL	GD-VRD12-W(500VA/5000VA)					
Input Voltage	AC 100-280V			AC 140-260V		
Output voltage	AC 220V±10V 45-65Hz					
Delay Time	6s/180s/300s selectable					
Protection	Over Voltage (246V+4V),Overload, High Temperature,Short Circuit					
POWER	500VA/300W	1000VA/600W	1500VA/900W	2000VA/1200W	3000VA/1800W	5000VA/3000W
PRODUCT SIZE(CM)	29.5×6×16.9		36×8×21		46×11×26	
PACKING SIZE(CM)	44.3×38.5×33.5		55×52×25		53×32.5×35.5	
PCS/CARTON	6PCS		4PCS		2PCS	

MODEL	GD-VRD35(500VA/5000VA)					
Input Voltage	AC 100-280V			AC 140-260V		
Output voltage	AC 220V±10V 45-65Hz					
Delay Time	6s/180s/300s selectable					
Protection	Over Voltage (246V+4V),Overload, High Temperature,Short Circuit					
POWER	500VA/300W	1000VA/600W	1500VA/900W	2000VA/1200W	3000VA/1800W	5000VA/3000W
PRODUCT SIZE(CM)	29.5×6×16.9		36×8×21		46×11×26	
PACKING SIZE(CM)	44.3×38.5×33.5		55×52×25		53×32.5×35.5	
PCS/CARTON	6PCS		4PCS		2PCS	



GD-VRD30-G

500VA-5000VA



MODEL	GD-VRD30-G(500VA-5000VA)					
Input Voltage	AC 100-280V					
Output voltage	AC 220V±10% 50-60Hz					
Delay Time	6s/180s selectable					
Protection	Over Voltage (246V+4V),Overload, High Temperature,Short Circuit					
POWER	500VA/300W	1000VA/600W	1500VA/900W	2000VA/1200W	3000VA/1800W	5000VA/3000W
PRODUCT SIZE(CM)	17.5x16.5x12	17.5x16.5x12	17.5x16.5x12	17.5x16.5x12	33x24x14	36.5x27x17.5
PACKING SIZE(CM)	41.4x25.8x35	41.4x25.8x35	41.4x32.2x35	41.4x32.2x35	38x29x19	41.5x32x23
PCS/CARTON	4PCS	4PCS	4PCS	4PCS	1PCS	1PCS

GD-VRD32

3000VA-12KVA



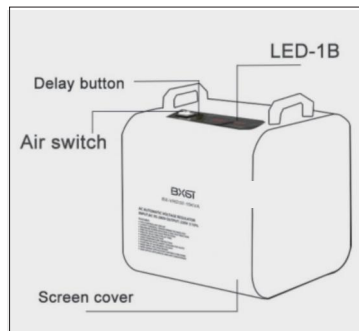
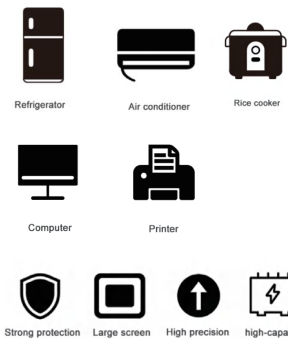
MODEL	GD-VRD32(3000VA-12KVA)				
Input Voltage	AC 95-280V				
Output voltage	AC 220V±10V 50/60Hz				
Delay Time	Short Delay:3-5sec Long delay:3-7min				
Protection	Over Voltage (246V+4V),Overload, High Temperature,Short Circuit				
POWER	3000VA	5000VA	8000VA	10000VA	12KVA
PRODUCT SIZE(CM)	40×31.5×16.8	40×31.5×16.8	40×31.5×16.8	40×31.5×16.8	40×31.5×16.8
PACKING SIZE(CM)	45×34.8×22.5	45×34.8×22.5	45×34.8×22.5	45×34.8×22.5	45×34.8×22.5
PCS/CARTON	1PCS	1PCS	1PCS	1PCS	1PCS

● GD-VRD32

15KVA-20KVA



MODEL	GD-VRD32(15KVA/20KVA)	
Input Voltage	AC 95-280V	
Output voltage	AC 220V±10V 50/60Hz	
Delay Time	Short Delay:3-5sec	
Protection	Over Voltage (246V+4V),Overload, High Temperature,Short Circuit	
POWER	15KVA	20KVA
PRODUCT SIZE(CM)	31×32×35.5	31×32×35.5
PACKING SIZE(CM)	37×35×42.5	37×35×42.5
PCS/CARTON	1PCS	1PCS



● GD-VRW15

3000VA-15KVA



Model	GD-VRW15 (3000VA-15VA)						
Input Voltage	145-265V						
Transformer	Relay type						
Protection	Output: 220/110v Frequency 50Hz With long and short delay; 3-6S/180S With overvoltage protection, overvoltage display H Undervoltage display L Display current with load						
Power	3000VA	5000VA	7000VA	8000VA	10KVA	12KVA	15KVA
Product size(cm)	43.5*33*21	47*35*23	51*36*24	51*36*24	51*36*24	51*36*24	51*36*24
PCS/CARTON	1PSC	1PSC	1PSC	1PSC	1PSC	1PSC	1PSC



● GD-VRW16

3000VA-15KVA



Model	GD-VRW16 (3000VA-30KVA)								
Input Voltage	100-270V								
Protection	Output: 220/110v Frequency: 50HZ Long and short delay: 3-5S/180S With overvoltage protection Display with overvoltage display H Display with undervoltage display L Work Overpressure Undervoltage Delay band display								
Power	3000VA	5000VA	7000VA	8000VA	10KVA	12KVA	15KVA	20KVA	30KVA
Product size(cm)	37*27.5*22.5	37*27.5*22.5	44*29.5*29	44*29.5*29	44*29.5*29	43*33*27.5	43*33*27.5	50*35*35	50*35*35
PCS/CARTON	1PSC	1PSC	1PSC	1PSC	1PSC	1PSC	1PSC	1PSC	1PSC



● GD-VRW17

3000VA-30KVA



Model	GD-VRW17 (3000VA-30KVA)								
Input Voltage	100-270V								
Protection	Output: 220/110v Frequency: 50HZ Long and short delay: 3-5S/180S With overvoltage protection Display with overvoltage display H Display with undervoltage display L Work Overpressure Undervoltage Delay band display								
Power	3000VA	5000VA	7000VA	8000VA	10KVA	12KVA	15KVA	20KVA	30KVA
Product size(cm)	37*27.5*22.5	37*27.5*22.5	44*29.5*29	44*29.5*29	44*29.5*29	44*29.5*29	43*33*27.5	43*33*27.5	50*35*35
PCS/CARTON	1PSC	1PSC	1PSC	1PSC	1PSC	1PSC	1PSC	1PSC	1PSC



● GD-AVR12

500VA-5000VA



Model	GD-AVR12(500-5000VA)					
Input Voltage	100V-260V					
Protection	500VA AC input voltage range: 160-260 AC input frequency range: 50Hz/60Hz AC output voltage: 220V/ 110V Output voltage accuracy: ±10% Delay value: 6S/180S FACTOR: 80% (when input voltage is up to 190V) Ambient temperature: 0-40°C					
Power	500VA	1000VA	1500VA	2000VA	3000VA	5000VA
Product size(cm)	42*37*20	45*34*30	45*34*30	45*34*30	47.5*33*23.5	47.5*33*23.5
PCS/CARTON	4PCS	4PCS	4PCS	4PCS	2PCS	2PCS



● GD-AVR13

500VA-12KVA



Model	GD-AVR13(500-12KVA)							
Protection	power: 1000VA Input voltage: AC140-260V power: 1000VA Output voltage: 220V±8% Phase: Single-Phase Frequency: 50-60Hz Adjust time: <1sec.(against 10% input voltage deviation) Protection over voltage: 250±2V Protection lack voltage: 185V±2V Efficiency: 95%							
Power	500VA	1000VA	2000VA	3000VA	5000VA	8000VA	10KVA	12KVA
Product size(cm)	57.5x27.5x38	57.5x27.5x38	35.5x30.5x45	35.5x30.5x45	51.5x42x31	46x26.5x31	41x36x63	45x43x71
PCS/CARTON	8PCS	8PCS	4PCS	4PCS	2PCS	1PCS	1PCS	1PCS



● GD-AVR15

500VA-12KVA



● GD-AVR16

500VA-12KVA



Model	GD-AVR15(500-12KVA)							
Protection	1.Wall mounted-Relay type 2.Microprocessor control 3.Input range:140-260VAC 4.Output:220V±8% 5.LED display 6.Automatic time delay: 3-6S							
Power	500VA	1000VA	2000VA	3000VA	5000VA	8000VA	10KVA	12KVA
Product size(cm)	46.5x33x28	46.5x33x28	46.5x33x28	44.5x33.5x42	44.5x33.5x42	44.5x33.5x42	53.5x39.5x27	53.5x39.5x27
PCS/CARTON	4PCS	4PCS	2PCS	2PCS	2PCS	2PCS	1PCS	1PCS

GD-AVR16(500-12KVA)								
Input voltage: AC140-260V power: 1000VA Output voltage: 220V±8% Phase: Single-Phase Frequency: 50-60Hz Adjust time: <1sec.(against 10% input voltage deviation)								
500VA	1000VA	1500VA	2000VA	3000VA	5000VA	8000VA	10KVA	12KVA
57.5x27.5x38	57.5x27.5x38	35.5x30.5x45	35.5x30.5x45	35.5x30.5x45	51.5x42x31	51.5x42x31	46x26.5x31	46x26.5x31
8PCS	8PCS	4PCS	4PCS	4PCS	2PCS	2PCS	1PCS	1PCS





AC SINGLE PHASE VOLTAGE REGULATOR

03/

Its structure is composed of contact self coupling voltage regulator, servo motor and automatic control circuit. When the power grid voltage is unstable or the load changes, the automatic sampling control circuit sends a signal to drive the servo motor and adjust the position of the carbon brush of the self coupling voltage regulator to adjust the output voltage to the rated value and reach a stable state.

This series of voltage regulators are ordinary type, with many varieties, complete specifications, beautiful appearance and other advantages. It has the characteristics of no waveform distortion, feasible performance and long-term operation. It is equipped with overvoltage protection function. According to the needs of users, it can be equipped with undervoltage, delay and other protection functions. It can be widely used in any electric field and is an ideal regulated power supply.



● GD-TND01



GD-TNS01-9KVA

6KVA-60KVA

GD-TNS01-90KVA

75KVA-90KVA

MODEL	GD-TND01(10KVA-30KVA)			
Input Voltage	AC 160V-250V			
Output voltage	AC 220V±3% 50/60Hz			
Protection	Over Voltage (246V+4V),Overload, High Temperature,Short Circuit			
Load power factor	0.8			
POWER	10KVA	15KVA	20KVA	30KVA
PRODUCT SIZE(CM)	31×34.5×53.5	28×38×77	32.5×38×77.5	37.5×41.5×78.5
PACKING SIZE(CM)	45×42.5×62	49×40×86.5	49×44.5×88.5	53×49×88.5
PCS/CARTON	1PCS	1PCS	1PCS	1PCS

BX-TND01 automatic AC voltage regulator is composed of contact automatic voltage regulator, capsule motor, automatic control circuit, etc. When the grid voltage is unstable or the load changes, the automatic sampling control circuit sends a signal to drive the servo motor and adjust the position of the carbon brush of the automatic voltage regulator to adjust the output voltage to the rated value and reach a stable state. This product has the characteristics of no waveform distortion, reliable performance and long-term operation. It is equipped with time, overvoltage, undervoltage and other protection functions. It can be widely used in any electric field that needs stable voltage. It is an ideal regulated power supply. Make sure your electrical equipment is working

● GD-TND02



GD-TND02-15KVA

10KVA-30KVA

GD-TND02-50KVA

40KVA-50KVA

MODEL	GD-TND02(10KVA-50KVA)					
Input Voltage	AC 130V-250V					
Output voltage	AC 220V±3% 50/60Hz					
Protection	Over Voltage (246V+4V),Overload, High Temperature,Short Circuit					
Load power factor	0.8					
POWER	10KVA	15KVA	20KVA	30KVA	40KVA	50KVA
PRODUCT SIZE(CM)	38×34.5×62	45×38×75	45×38×75	49×42.5×88	49×42.5×123	66×54×96
PCS/CARTON	1PCS	1PCS	1PCS	1PCS	1PCS	1PCS

BX-TND02 automatic AC voltage regulator is composed of contact automatic voltage regulator, capsule motor, automatic control circuit, etc. When the grid voltage is unstable or the load changes, the automatic sampling control circuit sends a signal to drive the servo motor and adjust the position of the carbon brush of the automatic voltage regulator to adjust the output voltage to the rated value and reach a stable state. This product has the characteristics of no waveform distortion, reliable performance and long-term operation. It is equipped with time, overvoltage, undervoltage and other protection functions. It can be widely used in any electric field that needs stable voltage. It is an ideal regulated power supply. Make sure your electrical equipment is working properly.



AC THREE-PHASE VOLTAGE REGULATOR

04/

TNS series high-precision automatic three-phase AC voltage regulator is composed of single-phase TND (SVC) series high-precision automatic AC voltage regulator. Three-phase split phase regulation ensures the stability and safety of each phase voltage. The power grid input is three-phase four wire system and star (Y-shaped) connection method. The output can be three-phase four wire system or three-phase three wire system. The current of each phase is indicated by three ammeters, TNS series high-precision automatic three-phase AC voltage regulator is composed of three single-phase automatic regulated power supplies of corresponding specifications, which adopts automatic mode.



● GD-TNS01



GD-TNS01-9KVA

6KVA-60KVA



GD-TNS01-90KVA

75KVA-90KVA

MODEL	GD-TNS01(6KVA-90KVA)					
Input Voltage	AC 277V-430V					
Output voltage	AC 380V±3% 50/60Hz					
Protection	Over Voltage (246V±4V),Overload, High Temperature,Short Circuit					
Load power factor	0.8					
POWER	6KVA	15KVA	30KVA	50KVA	75KVA	90KVA
PRODUCT SIZE(CM)	27.5×30.5×66.5	33.5×35.5×85	47×42×89	55×45×116	62×51.5×131	62×51.5×131
PACKING SIZE(CM)	38×41.5×77	45.5×45.5×94	52.5×56.5×99	66.5×56.5×130	64.5×74×144	64.5×74×144
PCS/CARTON	1PCS	1PCS	1PCS	1PCS	1PCS	1PCS

TNS series three-phase high-precision automatic AC voltage regulator is a combination of the performance of SVC series single-phase products. The input phase system is three-phase four wire system. Within the range of rated capacitance, it can be used for single-phase 220V or three-phase 380V electrical equipment at the same time, and is equipped with overvoltage protection.

● GD-TNS02



GD-TNS02-6KVA

6KVA-20KVA



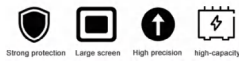
GD-TNS02-20KVA

20KVA-30KVA

MODEL	GD-TND02(10KVA-50KVA)					
Input Voltage	AC 130V-250V					
Output voltage	AC 220V±3% 50/60Hz					
Protection	Over Voltage (246V±4V),Overload, High Temperature,Short Circuit					
Load power factor	0.8					
POWER	10KVA	15KVA	20KVA	30KVA	40KVA	50KVA
PRODUCT SIZE(CM)	38×34.5×62	45×38×75	45×38×75	49×42.5×88	49×42.5×123	66×54×96
PCS/CARTON	1PCS	1PCS	1PCS	1PCS	1PCS	1PCS

GD-TND02 automatic AC voltage regulator is composed of contact automatic voltage regulator, capsule motor, automatic control circuit, etc. When the grid voltage is unstable or the load changes, the automatic sampling control circuit sends a signal to drive the servo motor and adjust the position of the carbon brush of the automatic voltage regulator to adjust the output voltage to the rated value and reach a stable state. This product has the characteristics of no waveform distortion, reliable performance and long-term operation. It is equipped with time, overvoltage, undervoltage and other protection functions. It can be widely used in any electric field that needs stable voltage. It is an ideal regulated power supply. Make sure your electrical equipment is working properly.

● GD-TNS02-40KVA

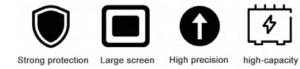


40KVA-60KVA

MODEL	GD-TNS02(40KVA-100KVA)		
Input Voltage	AC 130V-250V		
Output voltage	AC 220V±3% 50/60Hz		
Protection	Over Voltage (246V+4V),Overload, High Temperature,Short Circuit		
Load power factor	0.8		
POWER	40KVA	80KVA	100KVA
PRODUCT SIZE(CM)	66.5×54×118.5	75×63×13.2	75×63×13.2
PCS/CARTON	1PCS	1PCS	1PCS

TNS series high-precision automatic three-phase AC voltage regulator is composed of single-phase TND (SVC) series high-precision automatic AC voltage regulator. Three-phase split phase regulation ensures the stability and safety of each phase voltage. The power grid input is three-phase four wire system and star (Y-shaped) connection method. The output can be three-phase four wire system or three-phase three wire system. The current of each phase is indicated by three ammeters, TNS series high-precision automatic three-phase AC voltage regulator is composed of three single-phase automatic regulated power supplies of corresponding specifications and adopts automatic type.

● GD-TNS02-80KVA

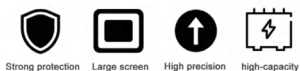


80KVA-100KVA

MODEL	GD-TNS02(40KVA-100KVA)		
Input Voltage	AC 130V-250V		
Output voltage	AC 220V±3% 50/60Hz		
Protection	Over Voltage (246V+4V),Overload, High Temperature,Short Circuit		
Load power factor	0.8		
POWER	40KVA	80KVA	100KVA
PRODUCT SIZE(CM)	66.5×54×118.5	75×63×13.2	75×63×13.2
PCS/CARTON	1PCS	1PCS	1PCS

TNS series high-precision automatic three-phase AC voltage regulator is composed of single-phase TND (SVC) series high-precision automatic AC voltage regulator. Three-phase split phase regulation ensures the stability and safety of each phase voltage. The power grid input is three-phase four wire system and star (Y-shaped) connection method. The output can be three-phase four wire system or three-phase three wire system. The current of each phase is indicated by three ammeters, TNS series high-precision automatic three-phase AC voltage regulator is composed of three single-phase automatic regulated power supplies of corresponding specifications and adopts automatic type.

● GD-SBW03-30KVA

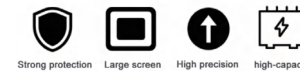


30KVA-300KVA

MODEL	GD-SBW03 (50KVA-2000KVA Three-phase)					
Input Voltage	Single phase: 175V-265V; Three phase four lines; 175V-265V(Phase Voltage)300V-456V(Line Voltage)					
Output voltage	Single phase: 220V; Three phase four lines: 380V; ±1-5% 50/60Hz					
Protection	Over voltage, Over current(Phase loss and Phase sequence is optional)					
POWER	30KVA	100KVA	200KVA	320KVA	600KVA	1600KVA
PRODUCT SIZE(CM)	80×54×123	85×62×139	100×70×160	110×80×190	100×80×220/2 Cabinet	/
PCS/CARTON	1PCS	1PCS	1PCS	1PCS	1PCS	1PCS

SBW series voltage regulator is suitable for the situation that grid voltage not stable or the voltage rise and fall caused by the load. Compared with other types of AVR, it is high capacity, high efficient, no waveform distortion. It is suitable for wide types of load. It can stand instantaneous overload, it can work constantly. It has over load protection and mechanical fault protections. (Digital display and Analog are optional)

● GD-SBW03-400KVA

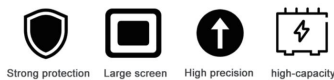


400KVA-600KVA

MODEL	GD-SBW03 (50KVA-2000KVA Three-phase)						
Input Voltage	Single phase: 175V-265V; Three phase four lines; 175V-265V(Phase Voltage)300V-456V(Line Voltage)						
Output voltage	Single phase: 220V; Three phase four lines: 380V; ±1-5% 50/60Hz						
Protection	Over voltage, Over current(Phase loss and Phase sequence is optional)						
POWER	30KVA	100KVA	200KVA	320KVA	600KVA	1600KVA	
PRODUCT SIZE(CM)	80×54×123	85×62×139	100×70×160	110×80×190	100×80×220/2 Cabinet	/	
PCS/CARTON	1PCS	1PCS	1PCS	1PCS	1PCS	1PCS	

SBW series voltage regulator is suitable for the situation that grid voltage not stable or the voltage rise and fall caused by the load. Compared with other types of AVR, it is high capacity, high efficient, no waveform distortion. It is suitable for wide types of load. It can stand instantaneous overload, it can work constantly. It has over load protection and mechanical fault protections. (Digital display and Analog are optional)

● GD-SBW01-50KVA

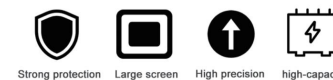


50KVA-200KVA

MODEL	GD-SBW01(50KVA-2000KVA Three-phase)					
Input Voltage	AC 304-456V					
Output voltage	AC 380V±2.5% 50/60Hz					
Protection	With over voltage, over current, phase sequence and so on protection function *(Single and three phase below 150KVA without phase sequence protection)					
POWER	50KVA	150KVA	400KVA	600KVA	1200KVA	2000KVA
PRODUCT SIZE(CM)	80×56×132	100×70×170	110×90×200	130×100×208	85×100×220/3 Cabinet	110×110×220/4 Cabinet
PCS/CARTON	1PCS	1PCS	1PCS	1PCS	1PCS	1PCS

SBW series voltage regulator is suitable for the situation that grid voltage not stable or the voltage rise and fall caused by the load. Compared with other types of AVR, it is high capacity, high efficient, no waveform distortion. It is suitable for wide types of load. It can stand instantaneous overload, it can work constantly. It has over load protection and mechanical fault protections. (Digital display and Analog are optional)

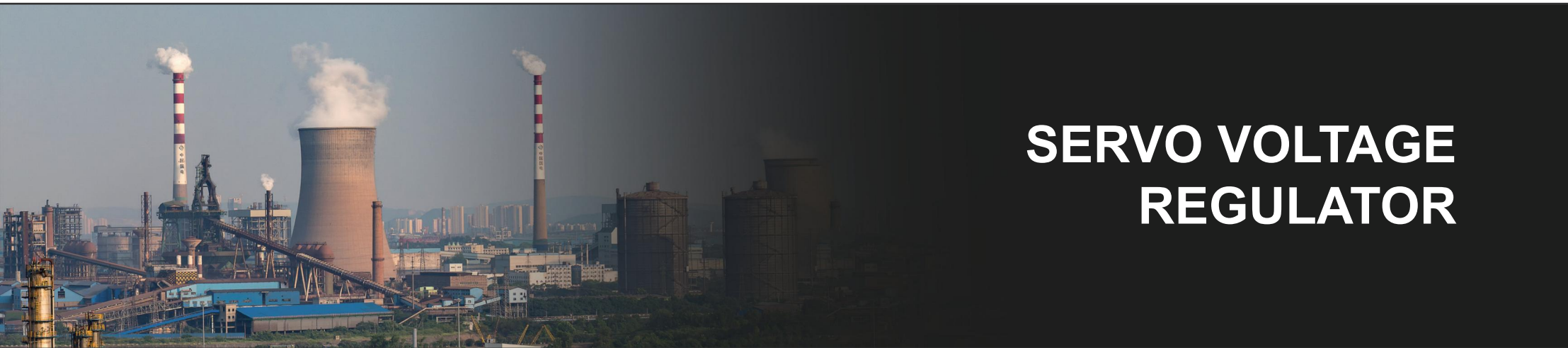
● GD-SBW02-50KVA



50KVA-2000KVA

MODEL	GD-SBW02(50KVA-2000KVA Three-phase)					
Input Voltage	AC 304-456V					
Output voltage	AC 380V±2.5% 50/60Hz					
Protection	With over voltage, over current, phase sequence and so on protection function *(Single and three phase below 150KVA without phase sequence protection)					
POWER	50KVA	150KVA	400KVA	600KVA	1200KVA	2000KVA
PRODUCT SIZE(CM)	80×56×132	100×70×170	110×90×200	130×100×208	85×100×220/3 Cabinet	110×110×220/4 Cabinet
PCS/CARTON	1PCS	1PCS	1PCS	1PCS	1PCS	1PCS

SBW series voltage regulator is suitable for the situation that grid voltage not stable or the voltage rise and fall caused by the load. Compared with other types of AVR, it is high capacity, high efficient, no waveform distortion. It is suitable for wide types of load. It can stand instantaneous overload, it can work constantly. It has over load protection and mechanical fault protections. (Digital display and Analog are optional)



SERVO VOLTAGE REGULATOR

05/

The product of this model is a high-precision regulator, with desktop design, using motor-driven carbon brush sliding between turns of self-coupling transformer winding and directly adjust the output voltage. It is characterized by high-precision output, wide input voltage range.



GD-SVC15

3000VA-30KVA



GD-SVC16

3000VA-15KVA



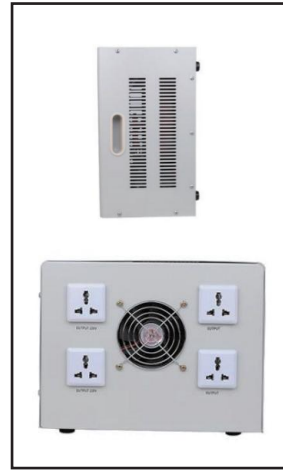
Model	GD-SVC15 (3000VA-30KVA)								
Protection	Input voltage: 110-250V Output voltage: 220/110v Frequency: 50Hz Delay time: short delay: 6S Long delay: 180s Protection: with over-voltage protection working indication, under voltage indication, over-voltage indication and over-current protection, 80% for power above 198v input voltage								
Power	3000VA	5000VA	7000VA	8000VA	10KVA	12KVA	15KVA	20KVA	30KVA
Product size(cm)	43.5*33*21	47*35*23	51*36*24	51*36*24	51*36*24	51*36*24	47*44*76	47*44*88.5	47*44*88.5
PCS/CARTON	1PSC	1PSC	1PSC	1PSC	1PSC	1PSC	1PSC	1PSC	1PSC

Model	GD-SVC16 (3000VA-15VA)							
Protection	Input voltage: 80-250V Output voltage: 220/110V Frequency: 50Hz Delay time: short delay: 3-5s Protection: with over-voltage protection working indication, under voltage indication and over-voltage indication 70% for power above 198V input voltage							
Power	3000VA	5000VA	7000VA	8000VA	10KVA	12KVA	15KVA	
Product size(cm)	37*27.5*22.5	37*27.5*22.5	44*29.5*29	44*29.5*29	44*29.5*29	43*33*27.5	37*27.5*22.5	
PCS/CARTON	1PSC	1PSC	1PSC	1PSC	1PSC	1PSC	1PSC	



GD-SVC17

3000VA-30KVA



GD-SVC19

500VA-2000VA



Model	GD-SVC17 (3000VA-30KVA)								
Protection	Input voltage: 80-250V Output voltage: 220/110V Frequency: 50Hz Protection: with over-voltage protection working indication, under voltage indication and over-voltage indication. 70% for power above 198V input voltage								
Power	3000VA	5000VA	7000VA	8000VA	10KVA	12KVA	15KVA	20KVA	30KVA
Product size(cm)	37*27.5*22.5	37*27.5*22.5	44*29.5*29	44*29.5*29	44*29.5*29	43*33*27.5	40*40*86	47*44*88.5	47*44*88.5
PCS/CARTON	1PSC	1PSC	1PSC	1PSC	1PSC	1PSC	1PSC	1PSC	1PSC

Model	GD-SVC19 (500VA-2000VA)			
Protection	Input voltage: 130-250V Output voltage: 220/110V Frequency: 50Hz Delay time: short delay: 6S long delay: 180s Protection: with over-voltage protection working indication, under voltage indication and over-voltage indication. 80% for power above 198V input voltage			
Power	500VA	1000VA	1500VA	2000VA
Product size(cm)	44*29*50	29*44*50	29*44*50	33*22.5*50
PCS/CARTON	4PSC	4PSC	4PSC	2PSC

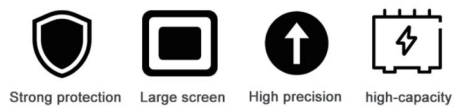


GD-SVC19

3000VA-30KVA



Model	GD-SVC19 (3000VA-30KVA)								
Protection	Input voltage: 130-250v								
	Output voltage: 220/110v								
	Frequency: 50Hz								
	Delay time: short delay: 6S long delay: 180s								
	Protection: with over-voltage protection working indication, under voltage indication and over-voltage indication.								
	80% for power above 198v input voltage								
Power	3000VA	5000VA	7000VA	8000VA	10KVA	12KVA	15KVA	20KVA	30KVA
Product size(cm)	56.5*37.5*31.5	37*27*29.5	46.8*29*46.5	46.8*29*46.5	46.8*29*46.5	46.8*29*46.5	40*40*86	47*44*88.5	47*44*88.5
PCS/CARTON	2PSC	1PSC	1PSC	1PSC	1PSC	1PSC	1PSC	1PSC	1PSC



TOROIDAL TRANSFORMER



Toroidal Core





POWER INVERTER

06 /

An inverter is a conversion device composed of an inverter bridge, control logic, and filter circuit, which can convert direct current into constant frequency and voltage or frequency modulated and voltage regulated alternating current. It is often used in equipment such as air conditioners, home theaters, and electric grinding wheels.



● GD-IT001-C

500W-8000W



Rated Power: 500/1000/1500/2000/3000/4000/5000/6000/8000W
 Input Voltage: 12V/24V/48V
 Output Voltage: 110V/220V±5%
 USB port: 5V 2A
 Frequency: 50/60Hz±3
 Output Waceform: Pure Sine Wave
 Transfer time: Grid first
 Soft Start: Yes
 Output Efficiency: 94%MAX
 No Load Current:
 Operating Temperature: -10°C~50°C



- 
UNDERLOAD PROTECTION
- 
OVERLOAD PROTECTION
- 
OVER TEMPERATURE PROTECTION
- 
OVERCURRENT PROTECTION
- 
SHORT CIRCUIT PROTECTION
- 
REVERSE POLARITY PROTECTION
- 
SOFT START PROTECTION

● GD-IT001

500W-8000W



Rated Power: 500/1000/1500/2000/3000/4000/5000/6000/8000W
 Input Voltage: 12V/24V/48V
 Output Voltage: 110V/220V±5%
 USB port: 5V 2A
 Frequency: 50/60Hz±3
 Output Waceform: Pure Sine Wave
 Soft Start: Yes
 Output Efficiency: 94%
 No Load Current:
 Operating Temperature: -10°C~50°C



- 
UNDERLOAD PROTECTION
- 
OVERLOAD PROTECTION
- 
OVER TEMPERATURE PROTECTION
- 
OVERCURRENT PROTECTION
- 
SHORT CIRCUIT PROTECTION
- 
REVERSE POLARITY PROTECTION
- 
SOFT START PROTECTION

● **GD-IT002**
1000W-6000W



Rated Power: 1000/2000/3000/4000/5000/6000W
 Transfer time: Grid first
 Input Voltage: 12V/24V/48V
 Output Voltage Range: $\pm 10\%$
 Overcharge Protection: 13.5V(10V), 33V(20V), 66(40V)
 Frequency: 45/65Hz
 Output Waveform: Pure Sine Wave
 Soft Start: Yes
 THD / AC regulation: THD<3%
 Output Efficiency: >88%
 Recharging Current: Low, middle ,high, supper high(10-90A)
 Working Temperature: 0C°~40C°
 Warranty: 2 Years



● **GD-IT006**
1000W-6000W



Rated Power: 1000/1500/2000/3000/4000/5000/6000W
 Input Voltage: 12V/24V/48V
 Output Voltage: 110V/120V/220V/230V/240V
 Grid input voltage range:160-260VAC
 Frequency: 50/60Hz
 Output Waceform: Pure Sine Wave
 Output Efficiency: 90%
 Battery type:Lead acid, Gel, lithium battery, customized
 Operating Temperature: -15 C°~50 C°
 Support: RS232/WiFi/GPRS/Mobile APP

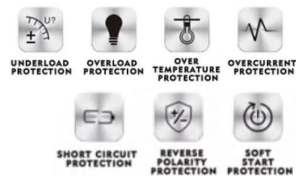


● GD-IT011

1000W-6000W



Rated Power: 1000/2000/3000/4000/5000/6000W
 Input Voltage: 12V/24V/48V
 Output Voltage: 110V/120V/220V/230V/240V
 Grid input voltage range:160-260VAC
 Frequency: 50/60Hz
 Output Waceform: Pure Sine Wave
 Output Efficiency: 90%
 SCC type:MPPT
 MPPT charging efficiency
 PV maximum input voltage:200VDC
 PV charging current:Max 60A
 Working Temperature: -10℃~50℃
 Support: RS232/WIFI/GPRS/Mobile APP



● GD-IT015

1000W-7200W



Rated Power: 1000/1500/2000/3200/5000/7200W
 Input Voltage: 12V/24V/48V
 Output Voltage: 110V/120V/220V/230V/240V
 Grid input voltage range:160-260VAC
 Frequency: 50/60Hz
 Output Waceform: Pure Sine Wave
 Output Efficiency: 99%
 SCC type:MPPT
 MPPT charging efficiency
 PV maximum input voltage:120VDC-500VDC
 PV charging current:Max 60A/100A/150A
 Operating Temperature: -10℃~40℃
 Support: RS485/APP(WIFI monitoring or GPRS monitoring)



● GD-IT013

8.2KW/10.2KW



ON/OFF- GRID INVERTER WITH ENERGY STORAGE

Rated Power: 8200W/10200W

Maximum Solar Charging Current : 160A/180A

Normal DC Voltage / Maximum DC Voltage : 360VDC / 500VDC

Frequency: 50/60Hz

MPPT Voltage Range : 90VDC-450VDC

Normal Output voltage :220/230/240VAC

Output voltage range : 195-253VAC

Power Factor : 99%

Output Waceform: Pure Sine Wave

Operating Temperature:-10℃~50℃

Support:RS232 / WIFI / Remove LCD / GPRS



● GD-IT012

3500W/1500W



Rated Power: 3500W/5500W

Voltage:230VAC

Frequency: 50/60Hz

Power Factor : 97%

Overcharge Protection : 63VDC

Maximum Charging Current : 100A

Output Waceform: Pure Sine Wave

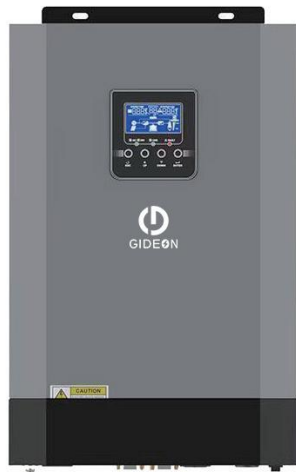
Operating Temperature:-10℃~50℃

Support:RS232 / WIFI / Remove LCD / GPRS



● GD-IT016

3500W-5500W



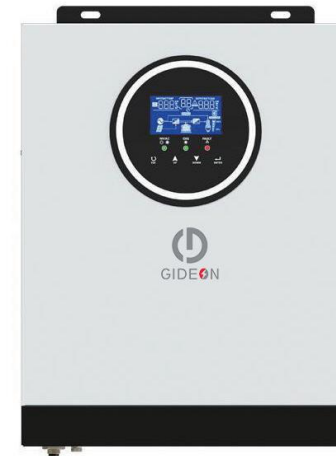
Rated Power: 3500W/5500W
 Voltage:230VAC
 Frequency: 50/60Hz
 Power Factor : 98%
 Overcharge Protection : 63VDC
 Maximum Charging Current : 110A
 Output Waceform: Pure Sine Wave
 Operating Temperature:-0 C~50 C
 Support:RS485/RS232(Standard) LCD remote/WIFI(Optional)



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 UNDERLOAD PROTECTION
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 OVERLOAD PROTECTION
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 OVER TEMPERATURE PROTECTION
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 OVERCURRENT PROTECTION
- 
 SHORT CIRCUIT PROTECTION
- 
 REVERSE POLARITY PROTECTION
- 
 SOFT START PROTECTION

● GD-IT017

2200W-3200W



Hybrid Solar Inverter
 Rated Power:2200/3200W
 Voltage:230VAC
 Frequency: 50/60Hz
 Power Factor : 98%
 MPPT Range@ Operating Voltage90-450VDC
 Maximum PV Array Open Circuit Voltage: 450VDC
 Maximum Charging Current: 80A
 Output Waceform: Pure Sine Wave
 Operating Temperature:-10 C~50 C
 Support:RS232(Standard)GPRS/WIFI(Optional)



- 
 UNDERLOAD PROTECTION
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 OVERLOAD PROTECTION
- 
 OVER TEMPERATURE PROTECTION
- 
 OVERCURRENT PROTECTION
- 
 SHORT CIRCUIT PROTECTION
- 
 REVERSE POLARITY PROTECTION
- 
 SOFT START PROTECTION

● GD-IT018

7.2/8.2/10.2KW



● GD-IT018

7.2/8.2/10.2KW



ON/OFF- GRID INVERTER WITH ENERGY STORRGE

Rated Power:7200/8200/10200W
 Maximum Solar Charging Current : 160A
 Frequency: 50/60Hz
 MPPT Voltage Range : 90VDC-450VDC
 Normal Output voltage : 230VAC
 Output voltage range : 195-253VAC
 Power Factor : 99%
 Output Waceform : Pure Sine Wave
 Operating Temperature:-0 °C~50 °C
 Support:RS232 / WIFI / Remove LCD / GPRS



- UNDERLOAD PROTECTION
- OVERLOAD PROTECTION
- OVER TEMPERATURE PROTECTION
- OVERCURRENT PROTECTION
- SHORT CIRCUIT PROTECTION
- REVERSE POLARITY PROTECTION
- SOFT START PROTECTION

ON/OFF- GRID INVERTER WITH ENERGY STORRGE

Rated Power:4500/6500/7200W
 Maximum charge current:130A/150A
 Frequency: 50/60Hz
 Battery Voltage:24/48VDC
 MPPT Range@ Operating Voltage:120-450VDC
 Maximum PV Array Open Circuit Voltage:450VDC
 Normal Output voltage : 230VAC/120VAC
 Power Factor : 99%
 Output Waceform : Pure Sine Wave
 Operating Temperature:-0 °C~55 °C
 Support:RS485/RS232(Standard) LCD remote/WIFI(Optional)



- UNDERLOAD PROTECTION
- OVERLOAD PROTECTION
- OVER TEMPERATURE PROTECTION
- OVERCURRENT PROTECTION
- SHORT CIRCUIT PROTECTION
- REVERSE POLARITY PROTECTION
- SOFT START PROTECTION

● GD-530/535/540/545/550-M

530W-550W



Cell Type: Monocrystalline
 Cell Dimensions: 182*182mm
 Cable Length: Portrait 300mm/Landscape 1200mm/Customized
 Cable Cross: Section Size TUV: 4mm² (0.006inches²)/UL: 12AWG
 Front Glass: 3.2mm (0.13inches) AR Coating Tempered Glass
 Frame : Anodized Aluminium Alloy
 Module Application: Rrade A
 Junction Box: IP68



● GD-SBT-48V

50/100/200AH

GD-SBT-51.2V

50/100/200AH



Battery capacity:2.4/4.8/9.6KWH
 Battery configuration: 15S1P
 Rated discharging current: 50A
 Max discharging current: 100A
 Suggested dod model: 80%
 Max charging voltage: 54V
 Installation: Rack/Cabinet installation
 IP rating: IP20
 Max in parallel: 15PCS
 Communication: Default:
 RS485/RS232/CAN Optional
 WiFi/4G/Bluetooth

Battery capacity:2.56/5.12/10.24KWH
 Battery configuration: 15S1P
 Rated discharging current: 50A
 Max discharging current: 100A
 Suggested dod model: 80%
 Max charging voltage: 57.6V
 Installation: Rack/Cabinet installation
 IP rating: IP20
 Max in parallel: 15PCS
 Communication: Default:
 RS485/RS232/CAN Optional
 WiFi/4G/Bluetooth



PORTABLE POWER SUPPLY

07/

The emergency standby power supply can meet the power application requirements in areas without power supply conditions such as plateaus, deserts, and islands. When industrial and civil buildings are in a fire emergency state, in order to ensure the success of fire fighting and rescue work, the independent power supply responsible for supplying power to fire-fighting electrical equipment is called emergency power supply.



● GD-SS018 **1200W**

1000VA corrected sine wave

10 PORTS FOR YOUR VARIOUS NEEDS

This product has AC 220VAC/1200W (sine wave), DC USB 5V/2.4A*2, USB QC3.0/ 18W*2, Type-C PD60W, DC 12V/10A (DC12V*2, cigarette lighter*1)- Variety of different voltage outputs; 24V/5A adapter charging, solar photovoltaic panel charging, car charging, PD charging



Item	Item Parameter	
Battery pack characteristics	Rated voltage	DC22.2V
	Nominal capacity	998Wh
DC7909 Charge	Input voltage range	12V - 25.6V
	Charging input current	2A - 10A
	Max charging power	MAX 120W
	Charging conversion efficiency	80%
	MPPT adaptive charging	Support
TYPE-C PD Charge	Input voltage range	4.7V-20.5V
	Charging input current	MAX 3.2A
	Maximum input power	65W
AC output	Number of interfaces	Universal socket (with protective door)*2
	Rated output voltage/frequency	AC220V/50Hz
AC output	Rated output power	MAX 1200W
	Overload protection	1300W
	Short circuit protection	Support
	Output conversion efficiency	85%
DC output	TYPE-C	PD quick charging 60W*1
	USB 5V/2.4A	Double
	USB QC3.0/18W	Double
	DC 12V	Double
	Cigar lighter 12V interface	One
Charging performance	PV panel 150W	10H (with good light)
	Charger DC 24/5A	12H
Discharge performance	Refrigerator 60W	14H
	Fan 60W	14H
Discharge performance	Projector 100W	9H
	Vacuum cleaner 500W	1.7H
	TV 50W	17H
	PC 64W	13H
	Phone 4000mAh	55 times
	Rice cooker 600W	1.4H
Warranty period	1Year	
Operating ambient temperature	-10℃ ~+45℃	
Size	300*230*210mm	

SPARE PARTS LIST

- Suitable for home emergency power backup, outdoor travel, emergency relief, field work and other applications.
- The product has AC 220VAC/1200W(sine wave), DC USB 5V/2.4A*2, USB QC3.0/ 18W*2, Type-CPD60W, DC 12V/10A(DC12V*2, cigarette lighter*1) and many different voltage outputs.
- The system comes standard with 24V/5A adapter charging, while supporting solar PV panel charging, vehicle charging, and PD charging.
- Sine wave, stable waveform, nodamage.



● GD-SS018 **2000W**

2000VA corrected sine wave

10 PORTS FOR YOUR VARIOUS NEEDS

This product has AC 220VAC/2000W (sine wave), DC USB 5V/2.4A*2, USB QC3.0/ 18W*2, Type-C PD60W, DC 12V/10A (DC12V*2, cigarette lighter*1)- Variety of different voltage outputs; 24V/5A adapter charging, solar photovoltaic panel charging, car charging, PD charging



Item	Item Parameter	
Battery pack characteristics	Rated voltage	DC22.2V
	Nominal capacity	2000Wh
DC7909 Charge	Input voltage range	12V - 25.6V
	Charging input current	2A - 10A
	Max charging power	MAX 120W
	Charging conversion efficiency	80%
	MPPT adaptive charging	Support
TYPE-C PD Charge	Input voltage range	4.7V-20.5V
	Charging input current	MAX 3.2A
	Maximum input power	65W
AC output	Number of interfaces	Universal socket (with protective door)*2
	Rated output voltage/frequency	AC220V/50Hz
AC output	Rated output power	MAX 2000W
	Overload protection	2100W
	Short circuit protection	Support
	Output conversion efficiency	85%
DC output	TYPE-C	PD quick charging 60W*1
	USB 5V/2.4A	Double
	USB QC3.0/18W	Double
	DC 12V	Double
	Cigar lighter 12V interface	One
Charging performance	PV panel 150W	20H (with good light)
	Charger DC 24/5A	24H
Discharge performance	Refrigerator 60W	28H
	Fan 60W	28H
	Projector 100W	18H
Discharge performance	Vacuum cleaner 500W	3.4H
	TV 50W	34H
	PC 64W	26H
	Phone 4000mAh	110 times
	Rice cooker 600W	2.8H
Warranty period	1Year	
Operating ambient temperature	-10℃ ~+45℃	
Size	420*270*290mm	

SPARE PARTS LIST

- Suitable for home emergency power backup, outdoor travel, emergency relief, field work and other applications.
- The product has AC 220VAC/2000W(sine wave), DC USB 5V/2.4A*2, USB QC3.0/ 18W*2, Type-C PD60W, DC 12V/10A(DC12V*2, cigarette lighter*1) and many different voltage outputs.
- The system comes standard with 24V/5A adapter charging, while supporting solar PV panel charging, vehicle charging, and PD charging.
- Sine wave, stable waveform, nodamage.



● GD-SS005 **100W**

100W corrected sine wave

42000 MAH(3S7P3.7V)
155WH
155WH*0.85H/W/100=1.3H

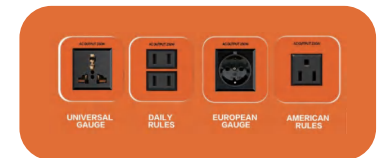


Input charging "Adapter: 15V 2A approx. 7-8H
Photovoltaic panel: 18-22V"
USB output "2 x USB output 5V/2.1A Max
1 x USB output 5~9V/2A (QC3.0)
1 x TYPE-C output PD18W"
DC output 9~12.5V/10A (15A Max)
AC output power Rated power: 100W Peak power: 150W
LED lighting 4W LED lighting Long on/SOS/Burst flash
Power indicator LED digital tube display
Working temperature - 10 °C - 40 °C
Cycle life>500 times
Product size 186 * 107 * 180MM
Net weight 1.6KG



SPARE PARTS LIST

Packaging accessory "1 x portable energy storage box
1 x 15V 2A Adapter
1 x vehicle charging
1 x cigarette lighter conversion line
1 x Instructions"
Package information "Package size: 533 * 323 * 528CM
QTY/CTN:6PCS
WG/CTN: 15.5KG"



● GD-SS006 **100W**

100W corrected sine wave

42000 MAH(3S7P 3.7V)
155WH
155WH*0.85H/W/100=1.3H



Input charging "Adapter: 15V 2A approx. 7-8H
Photovoltaic panel: 18-22V"
USB output "1 x USB output 5V/2.1A Max
1 x USB output 5~9V/2A (QC3.0)
1 x TYPE-C output PD18W"
DC DC output 2 x output 9~12.5V/10A (15A Max)
AC output power Rated power: 100W Peak power: 150W
LED lighting T6 5W LED lighting permanently on/SOS/burst
Power indicator LED display
Working temperature - 10 °C - 40 °C
Cycle life>500 times
Product size 260 * 118 * 125MM
Net weight 1.7KG



SPARE PARTS LIST

Packaging accessory "1 x portable energy storage box
1 x 15V 2A Adapter
1 x vehicle charging
1 x cigarette lighter conversion line
1 x Instructions"
Package information "Package size: 533 * 413 * 388MM
QTY/CTN:6PCS
WG/CTN: 15.6KG"



● GD-SS007 100W

100W corrected sine wave

42000 MAH(3S7P 3.7V)
155WH
155WH*0.85H/W/100=1.3H



Input charging "Adapter: 15V 2A approx. 7-8H
Photovoltaic panel: 18-22V"
USB output "2 x USB output 5V/2.1A Max
1 x USB output 5~9V/2A (QC3.0)
1 x TYPE-C output PD18W"
DC DC output 2 x output 9~12.5V/10A (15A Max)
AC output power Rated power: 100W Peak power: 150W
LED lighting 3W LED lighting Long on/SOS/Burst flash
Power indicator LED digital tube display
Working temperature - 10 °C - 40 °C
Cycle life>500 times
Product size 215 * 78 * 210MM
Net weight 1.7KG



SPARE PARTS LIST

Packaging accessory "1 x portable energy storage box
1 x 15V 2A Adapter
1 x vehicle charging
1 x cigarette lighter conversion line
1 x Instructions"
Package information "Package size: 690 * 380 * 320MM
QTY/CTN:5PCS
WG/CTN: 12.5KG"



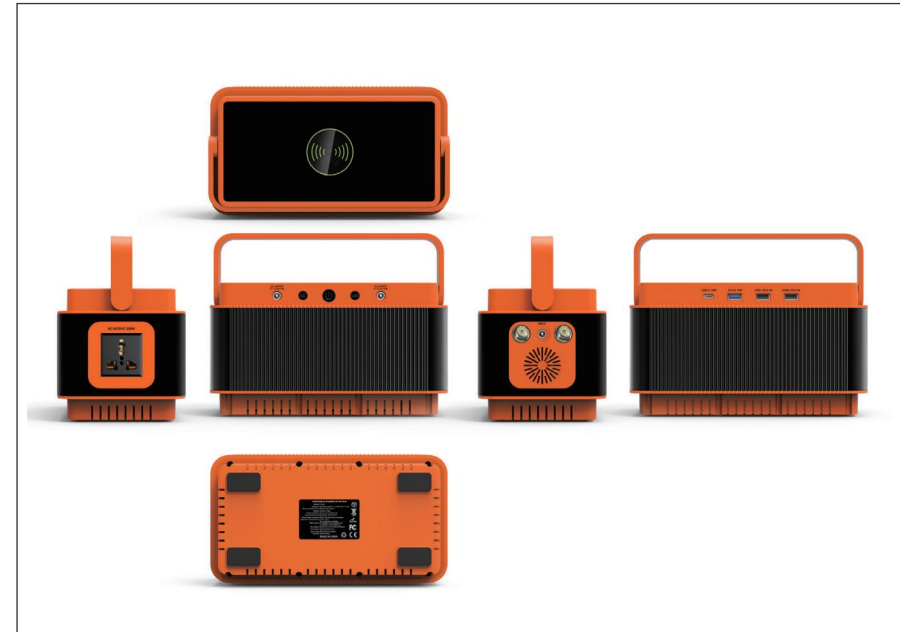
● GD-SS008 250W

250W pure sine wave

60000 MAH(3S8P 3.7V)
222WH
222WH*0.85H/W/100=1.9H



Input charging "Adapter: 15V 3A approx. 7-8H
Photovoltaic panel: 18-22V"
USB output "2 x USB output 5V/2.1A Max
1 x USB output 5~9V/2A (QC3.0)
1 x TYPE-C output PD18W"
DC DC output 2 x output 9~12.5V/10A (15A Max)
AC output power Rated power: 250W Peak power: 340W
LED lighting 2W LED lighting permanently on/SOS/explosive flash
Power indicator LED digital tube display
Working temperature - 10 °C - 40 °C
Cycle life>500 times
Product size 240 * 130 * 135MM
Net weight 2.6KG



SPARE PARTS LIST

Packaging accessory "1 x portable energy storage box
1 x 15V 3A Adapter
1 x vehicle charging
1 x cigarette lighter conversion line
1 x Instructions"
Package information "Package size: 595 * 380 * 230mm
QTY/CTN:3PCS
WG/CTN: 11.5KG"



● GD-SS009 **200W**

200W corrected sine wave

60000 MAH(3S8P 3.7V)
222WH
222WH*0.85H/W/100=1.9H



Input charging "Adapter: 15V 3A approx. 7-8H
Photovoltaic panel: 18-22V"
USB output "1 x USB output 5V/2.1A Max
1 x USB output 5~9V/2A (QC3.0)
1 x TYPE-C output PD18W"
DC DC output 2 x output 9~12.5V/10A (15A Max)
AC output power Rated power: 200W Peak power: 250W
LED lighting 4W LED lighting Long on/SOS/Burst flash
Power indicator LED digital tube display
Working temperature - 10 °C - 40 °C
Cycle life>500 times
Product size 213 * 106 * 180MM
Net weight 2.4KG



SPARE PARTS LIST

Packaging accessory "1 x portable energy storage box
1 x 15V 2A Adapter
1 x vehicle charging
1 x cigarette lighter conversion line
1 x Instructions"
Package information "Package size: 550 * 350 * 290MM
QTY/CTN:3PCS
WG/CTN: 10KG"



● GD-SS010 300W

300W pure sine wave

80000 MAH(4S8P 3.7V)
296WH
296WH*0.85H/W/100=2.5H



Input charging "adapter: 19V 3A about 8H
Photovoltaic panel: 18-22V"
USB output "3 x USB output 5V/2.1A Max
2 x USB output 5~9V/2A (QC3.0)
1 x TYPE-C output PD18W
1 x TYPE-C output PD27W"
DC DC output 2 x output 12~16.5V/10A (15A Max)
AC output power Rated power: 300W Peak power: 500W
LED lighting 7W LED lighting permanently on/SOS/explosive
flash
Power indicator LED digital tube display
Working temperature - 10 °C - 40 °C
Cycle life>500 times
Product size 220 * 145 * 188MM
Net weight 2.85KG



SPARE PARTS LIST

Packaging accessory "1 x portable energy storage box
1 x 19V 3A Adapter
1 x cigarette lighter conversion line
1 x Instructions"
Packaging Information
Single box: 1 set, net weight: 2.8KG, net weight: 3.9KG,
size: 33.4 * 19.4 * 24.5
Full container: 3 sets, net weight 11.7KG, gross weight
12.5KG, size 61 * 35.5 * 29



● GD-SS011 500W

500W pure sine wave

135000mAh(6S9P 3.6V)
486wh
486wh*0.85h/w/100=4.1h

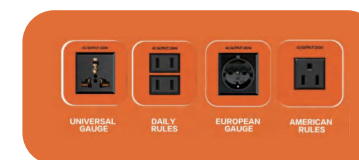


Input charging "Adapter: 19V 4A approx. 7H
Photovoltaic panel: 100W 18-22V"
USB output "3 x USB output 5V/2.1A Max
1 x USB output 5~12V/2A (QC3.0)
1 x TYPE-C PD27W
1 x TYPE-C PD60W"
DC DC output 1 x output 12/10A Max
AC output power Rated power: 500W Peak power: 750W
LED lighting 4W LED lighting Long on/SOS/Burst flash
Power indicator LCD
Working temperature - 10 ℃ - 40 ℃
Cycle life>500 times
Product size 311 * 256 * 182MM
Net weight 6KG



SPARE PARTS LIST

Packaging accessory "1 x portable energy storage box
1 x 19V 4A Adapter
1 x Car Charger
1 x Instructions"
Packaging Information
Package size: 487 * 380 * 376MM
QTY/CTN: 2PCS
WG/CTN: 13.6KG



● GD-SS012 700W

700W pure sine wave

180000mAh(6S12P 3.6V)
648wh
648wh*0.85h/w/100=5.5h

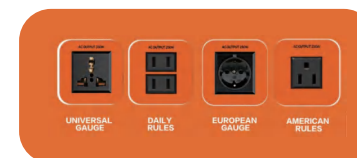


Input charging "adapter: 19V 5A about 8H
Photovoltaic panel: 100-120W 18-22V"
USB output "3 x USB output 5V/2.1A Max
2 x USB output 5~12V/2A (QC3.0)
1 x TPYE-C PD27W
1 x TPYE-C PD60W"
DC DC output 2 x output 12V/10A Max
AC output power Rated power: 700W Peak power: 1100W
LED lighting 1W LED lighting permanently on/SOS/explosive flash
Power indicator LCD
Working temperature - 10 ℃ - 40 ℃
Cycle life>500 times
Product size: 284 * 202 * 218MM
Net weight 6.8KG

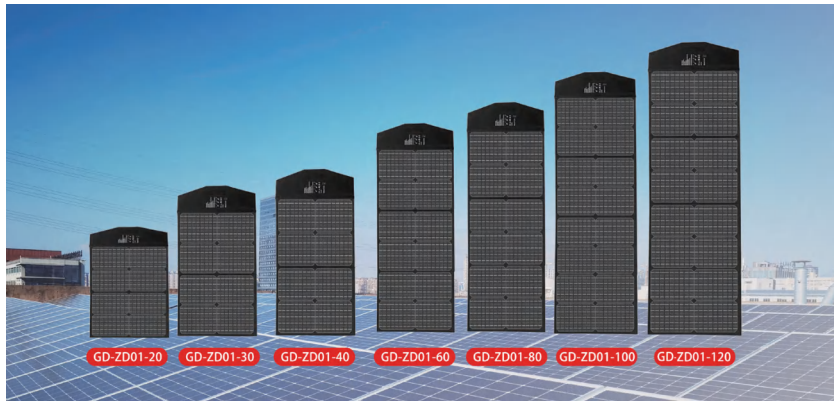


SPARE PARTS LIST

Packaging accessory "1 x portable energy storage box
1 x 19V 5A Adapter
1 x Car Charger
1 x Instructions"
Packaging Information
Package size: 525 * 353 * 338MM
QTY/CTN: 2PCS
WG/CTN: 15.7KG



FOLDING SOLAR PANEL SERIES



GD-ZD01-60



20W-120W

Peak power (Pmax)	20Wp	30Wp
Working voltage (Vmp)	18V/1.11A	18V/1.67A
Operating current(Imp)		
Open circuit voltage(Vos)	21V/1.22A	21V/1.83A
Short-circuit current(Isc)		
Battery chip	single crystal 156	single crystal 156
Temperature range	-40°C+ 70°C	-40°C+ 70°C
Output connector	DC5521:18V USB	DC5521:18V 2*USB
Folding size	350*200*35mm	350*285*35mm
Unfolding dimension	570*350*5mm	740*350*5mm
Independent package size	370*240*50mm	360*320*50mm
Net weight/gross weight	0.65kg/0.9kg	1.45kg/1.7kg
Outer package size	390*520*265mm	385*425*345mm
Packing quantity/weight	10/10kg	8/14.6kg
parts	DC5521 adapter, DC line, manual	

Model	GD-ZD01-40	GD-ZD01-60	GD-ZD01-80	GD-ZD01-100	GD-ZD01-120
Peak power (Pmax)	40Wp	60Wp	80Wp	100Wp	120Wp
Working voltage (Vmp)	18V/2.22A	18V/3.33A	18V/4.44A	18V/5.56A	18V/6.67A
Operating current(Imp)					
Open circuit voltage(Vos)	21V/2.44A	21V/6.67A	21V/4.89A	21V/6.11A	21V/7.33A
Short-circuit current(Isc)					
Battery chip	single crystal 156	single crystal 156	single crystal 156	single crystal 156	single crystal 156
Temperature range	-40°C+ 70°C	-40°C+ 70°C	-40°C+ 70°C	-40°C+ 70°C	-40°C+ 70°C
Output connector	DC5521:18V 2*USB	DC5521:18V 2*USB	DC5521:18V 2*USB	DC5521:18V 2*USB	DC5521:18V 2*USB
Folding size	405*350*35mm	405*350*35mm	405*350*35mm	528*350*45mm	528*350*45mm
Unfolding dimension	880*405*5mm	1250*405*5mm	1610*405*5mm	2750*674*5mm	1650*528*5mm
Independent package size	415*385*50mm	415*385*55mm	415*385*60mm	550*390*55mm	50*390*550mm
Net weight/gross weight	1.9kg/2.2kg	2.55kg/2.85kg	3.2kg/3.5kg	4kg/4.3kg	4kg/4.3kg
Outer package size	440*425*410mm	440*300*410mm	440*245*410mm	550*390*410mm	565*185*410mm
Packing quantity/weight	6/14.3kg	5/15.4kg	4/15.4kg	3/14.3kg	3/15.4kg
parts	DC5521 adapter, DC cable, alligator clip, Anderson excuse, manual				



FRONT

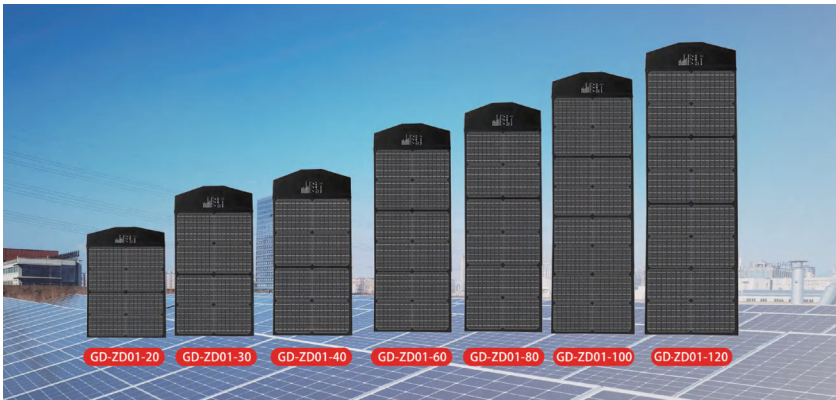


BACK



UNFOLD

FOLDING SOLAR PANEL SERIES



GD-ZD01-150



CUSTOMIZED OUTGOING LINE

150W-300W

Model	GD-ZD01-150	GD-ZD01-160
Peak power (Pmax)	150Wp	160Wp
Working voltage (Vmp)	18V/8.33A	18V/8.89A
Operating current(Imp)		
Open circuit voltage(Vos)	21.6V/9.17A	21.6V/9.78A
Short-circuit current(Isc)		
Battery chip	single crystal 156	single crystal 156
Temperature range	-40°C+ 70°C	-40°C+ 70°C
Output connector	PV1-F1*4mm2 Cable/MC4	PV1-F1*4mm2 Cable/MC4
Folding size	674*403*40mm	635*350*45mm
Unfolding dimension	1460*674*5mm	1650*635*5mm
Independent package size	705*445*55mm	660*390*55mm
Net weight/gross weight	5.1kg/5.4kg	5.4kg/5.7kg
Outer package size	720*185*465mm	675*185*410mm
Packing quantity/weight	3/17.5kg	3/18.3kg
parts	Customized outgoing line, instructions	

Model	GD-ZD01-200	GD-ZD01-250	GDZD01-300
Peak power (Pmax)	200Wp	250Wp	300Wp
Working voltage (Vmp)	18V/11.11A	18V/13.89A	18V/16.67A
Operating current(Imp)			
Open circuit voltage(Vos)	21V/9.17A	21V/15.28A	21V/18.33A
Short-circuit current(Isc)			
Battery chip	single crystal 156	single crystal 156	single crystal 156
Temperature range	-40°C+ 70°C	-40°C+ 70°C	-40°C+ 70°C
Output connector	PV1-F1*4mm2 Cable/MC4	PV1-F1*4mm2 Cable/MC4	PV1-F1*4mm2 Cable/MC4
Folding size	674*403*45mm	674*403*50mm	674*403*55mm
Unfolding dimension	1884*674*5mm	2315*674*5mm	1650*528*5mm
Independent package size	700*445*55mm	700*445*60mm	700*445*65mm
Net weight/gross weight	6.2kg/6.5kg	7.3kg/7.6kg	8.4kg/8.7kg
Outer package size	715*185*465mm	715*200*465mm	715*215*465mm
Packing quantity/weight	3/21kg	3/27.6kg	3/15.4kg
parts	Customized outgoing line, instructions		



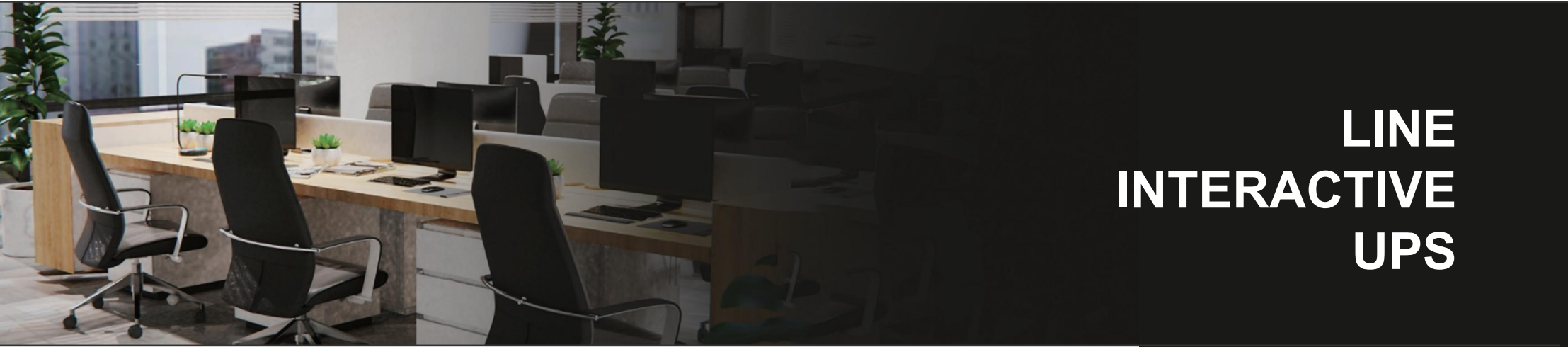
FRONT



BACK



UNFOLD



LINE INTERACTIVE UPS

08/

- Personal Computer
- Printer
- POS(Point of sales)Terminals
- Security System
- Fax Machine
- Modem, Router



500VA-3000VA



TECHNICAL SPECIFICATION

MODEL	GD-500	GD-650	GD-800	GD-1000	GD-1500	GD-2000	GD-2000B	GD-3000
Capacity	500VA/300W	650VA/390W	800VA/480W	1000VA/600W	1500VA/900W	2000VA/1200W	2000VA/1200W	3000VA/1800W
INPUT								
Voltage	110V/120 VAC or 220/230/240 VAC							
Voltage range	81-145VAC or 145-275VAC							
Frequency	60/50 Hz							
OUTPUT								
Voltage	110/120 VAC or 220/230/240 VAC							
Voltage range	± 10%							
Frequency range(battery mode)	60/50 ± 1Hz							
Transfer time	4-6ms							
Wave form(battery mode)	Simulated sine wave							
BATTERY								
Battery model & Quantity	12V/4.5AHx1	12V/7AH x 1	12V/9AH x 1	12V/7AH x 2	12V/9AH x 2	12V/9AH x 2	12V/7AH x 4	12V/9AH x 4
Charge time	8 hours recover to 90% capacity							
PROTECTION								
Full protection	Discharge, Short circuit and overload protection							
INDICATORS								
LCD display	AC mode, Battery mode, Load level, Battery level, Input voltage, Output voltage, Overload and low battery							
ALARM								
Battery mode	Sounding every 4 seconds							
Low battery	Sounding every second							
Overload	Sounding every second							
Fault	Continuously sounding							
INTERFACE								
USB/R232 Port (optional)	Support windows XP/Vista, Windows 7/8, Linux, Unix, and MAC							
Optional SNMP	Power management from SNMP management and web browser							
ENVIRONMENT								
Humidity	0-90% RH @ 0-40°C (Non-condensing)							
Noise Level	Less than 40dB							
Dimension(mm)	280x90x140	320x90x140	330x100x150	365x140x165	365x140x165	365x140x165	395x145x210	395x145x210
N.W,(kg)	4.0	5.2	5.7	10	11.9	12.6	17	21

- Intelligent CPU control
- Auto restart while AC is recovering
- Boost and buck AVR for voltage stabilization
- Cold start function
- Off-mode charging
- Optional USB or RS-232 communication port, RJ-45 and SNMP
- Offering LED and LCD panels for selection, multi-color panel.
- Personal Computer
 - Printer
- POS(Point of sales)Terminals
 - Security System
 - Fax Machine
 - Modem, Router



500VA-3000VA



AU SERIES



A SERIES



AB SERIES



AH SERIES

TECHNICAL SPECIFICATION

SPECIFICATIONS	GD-500	GD-600	GD-800	GD-1000	GD-1200	GD-1500	GD-2000	GD-2000B	GD-3000
Capacity	500VA/300W	600VA/360W	800VA/480W	1000VA/600W	1200VA/720W	1500VA/900W	1500VA/900W	2000VA/1200W	3000VA/1800W
INPUT									
Voltage	110/120VAC or 220/230/240VAC								
Voltage range	81-145VAC or 145-275VAC								
Frequency range	50Hz or 60Hz(auto-sensing)								
OUTPUT									
Output voltage	110/120 VAC or 220/230/240 VAC								
AC voltage regulation	± 10%								
Frequency range(batt. mode)	50 Hz or 60 Hz ± 10%								
Transfer time	Typical 6-10 ms								
Waveform(batt. mode)	Simulated sine wave								
BATTERY									
Battery type & number	12V/4.5AH x 1	12V/7.5AH x 1	12V/9AH x 1	12V/7.5AH x 2	12V/7.5AH x 2	12V/9AH x 2	12V/9AH x 2	12V/7.5AH x 4	12V/9AH x 4
Typical recharge time	8 hours recover to 90% capacity								
PROTECTION									
Full protection	Short circuit, Over load, Battery low voltage protection								
RS232 or USB communication port or SNMP RS232 或 USB	Optional								
RJ11/RJ45 port	Optional								
INDICATORS									
Line mode	Green lighting								
Battery mode	Red lighting								
Battery charge mode	Yellow lighting								
ALARM									
Battery mode	Sounding every 10 seconds								
Low battery	Sounding every second								
Overload	Sounding every 0,5 second								
Fault	Continuously sounding								
ENVIRONMENT									
Humidity	0-90% RH @ 0-40°C (Non-condensing)								
Noise level	Less than 45dB								
Dimension(mm)	280x90x140	320x90x140	330x100x150	365x140x165	365x140x165	365x140x165	365x140x165	395x145x210	395x145x210
N.W.(kg)	4,0	5,2	5,7	10	10,5	11,9	12,3	17	21

- Intelligent CPU control
- Auto restart while AC is recovering
- Boost and buck AVR for voltage stabilization
- Cold start function
- Off-mode charging
- Optional USB or RS-232 communication port, RJ-45 and SNMP
- Offering LED and LCD panels for selection, multi-color panel.
- Personal Computer
 - Printer
- POS(Point of sales)Terminals
- Security System
 - Fax Machine
 - Modem, Router



1000VA-3000VA



Pure sine wave output
 digital control
 Automatically adjust the voltage increase and decrease,
 and stabilize the voltage output
 Cold start function
 Intelligent battery management
 Short circuit and overload protection
 Automatic charging after shutdown
 LED and LCD panels provide options
 Optional USB/RS232/RJ45/SNMP communication interface



Model	GD-1000VA	GD-2000VA	GD-3000VA	
Volume	1000VA/800W	2000VA/1600W	3000VA/2400W	
Import				
Voltage range	145~275VAC ± 5V			
Frequency range	50Hz-60Hz			
Export				
Output voltage	220VAC			
Voltage stabilizing range	± 10%			
Frequency range	50Hz ± 0.25Hz or 60Hz ± 0.3Hz			
Overload	105%-110%, UPS Alarm beep			
	110%-130%, Automatic shutdown after 30 seconds			
	130%, Automatic shutdown immediately			
Conversion time	4 milliseconds			
Wave form	Pure sine wave			
Voltage				
Battery model	12V7Ah			
Number of batteries	2	4	6	
Standard machine	Maximum charging current	1 ± 10%, 1A / 2A		
	Charging voltage	27.3VDC ± 1%	54.7VDC ± 1%	82.0VDC ± 1%
	Battery model	12V		
Long standby	Quantity	3	6	8
	Maximum charging current	5A		
	Charging voltage	27.4VDC ± 1%	82.1VDC ± 1%	109.4VDC ± 1%
Physical property				
Standard machine	Measurement(mm)	360x147x220	440x192x340	440x192x340
	Weight (kg)	11.9	22	27.9
Delay machine	Measurement(mm)	360x147x220	440x192x340	440x192x340
	Weight (kg)	8.5	16	18.2
Operating environment				
Humidity and temperature	20-90%RH@0-40P Non dewing			
Noise	Less than 55dB within 1 meter			
Control management				
Intellect RS232	windows 2000/2003/XPA/ista/2008, Windows7/8, Linux, Unix, and MAC			
Optional SNMP	Power management supports SNMP management and network management			

