GP- INVERTER Series

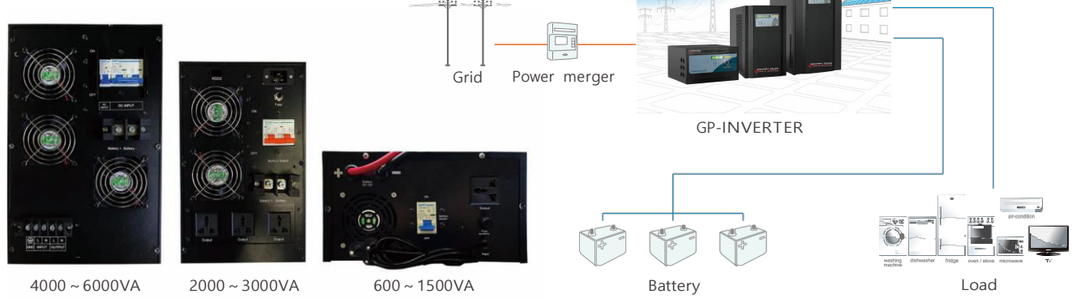
600VA ~ 10kVA



Features:

- ·Wide input voltage range
- ·Fully DSP control
- ·UPS mode and inverter mode suit for different application
- ·LED indicates the status
- ·Auto-restart function when power back on line
- ·Cold start
- ·Comprehensive and reliable protection
- ·High performance of battery optimization
- ·Sound & Light alarm function
- ·Compatible with generator

Rear Panel:



Technical Specifications

MODEL	INV 600	INV 800	INV 1000	INV 1500	INV 2000	INV 3000	INV 4000	INV 5000	INV 6000	INV7500	INV 10000
Capacity (VA/W)	600VA/480W	800VA/640W	1000VA/800W	1500VA/1200W	2000VA/1600W	3000VA/2400W	4000VA/3200W	5000VA/4000W	6000VA/4800W	7500VA/6000W	10000VA/8000W
LINE MODE											
INPUT											
Nominal voltage	220Vac(L+N+PE)										
Nominal frequency	50Hz										
Operating voltage range	INV: 120~300Vac UPS: 145~285Vac						INV: 160~265Vac UPS: 190~260Vac			187~253Vac	
Operating Frequency range	38~70Hz										
OUTPUT											
Output voltage	INV: 205~245Vac UPS: 170~255Vac						INV: 160~265Vac UPS: 190~260Vac			187~253Vac	
Power factor	0.8										
Harmonic distortion(THDV)	≤3%										
Frequency range	Same as Mains										
Waveform	Tracking mains										
Efficiency	≥94% (full load)						≥97% (full load)				
Transfer Time	10ms Max(5ms typical)										
Overload capacity	≤120% : 3min ; ≤130% : 30s ; >130% : shutdown immediately										
Scoket	IEC/Schuko						Terminal				
Battery Mode											
Battery Voltage	12Vdc		24Vdc		24/48Vdc		48Vdc			120Vdc	192Vdc
Output Voltage	220Vac±5%				220/230Vac±1%						
Frequency Range	50±1Hz				50/60±0.5Hz						
Waveform(Mains.mode)	Pure sinewave										
Efficiency	≥82% (full load)				≥85% (full load)					≥89% (full load)	
Overload capacity	≤110% : 10s ; >110% : shutdown immediately										
AC CHARGER											
Charging Algorihm	'3-Step charing										
Maximum Charging Current	10/20A selectable				10/20/30A selectable		10/20/30/40/50A selectable			12A	
Constant current charging voltage	14.1±0.3V/cell										
Floating Charging Voltage	13.8±0.3V/cell										
PROECTION											
Full Protection	Overload,over-temperature,short-circuit protectio,over-voltage,abnormal output voltage										
ALARM											
Battery Mode	Beep 1 time/10s,mute after 3min									Beep once	
Battery Low	Beep 2 times/1s									Beep 2 times/1s	
Overload	Beep 1 time/2s,4 times in row									Continously beeping	
Fault	Continously beeping									Continously beeping	
PHYSICAL											
Dimension W x D x H (mm)	272x285x165		313x295x189		352x220x358		452x260x418			313x633x788	
Net weight (kg)	12	14	15	19	26	28	38	48	51	60	85
OPERATING ENVIRONMENT											
Humidity range	0~90%RH @0~40℃ (Non condensing)										
Noise level	≤55dB at 1 Meter						≤58dB at 1 Meter				

Specifications subject to change without prior notice.