

On-Line UPS

PlusII Series

FEATURES:

- ▶ Microprocessor control guarantees high reliability.
- ▶ Extended back-up time with external battery bank.
- ▶ True on-line double conversion design.
- ▶ Adopt the most advanced IGBT devices.
- ▶ RS-232 communication interface.
- ▶ Smart UPS monitoring interface.
- ▶ Auto restart and cold start functions.
- ▶ Intelligent short circuit protection.
- ▶ User-friendly LCD & LED display.
- ▶ CE certified.

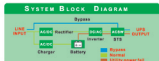
Low Frequency design



FRONT PANEL:



- LCD: System Operating Status display, Input/Output Voltage, frequency, output loading %, battery voltage, temperatures °C
- Select / Light Key
- Over Charge Led Indicator
- Bat. Level Led Indicator
- Over Load Led Indicator
- Fault Led Indicator
- Bypass Led Indicator
- Inv. Led Indicator
- Line Led Indicator
- Inv. Off Switch Indicator
- Battery / Discharging Led Indicator
- Inv. On Switch



On-Line UPS

SPECIFICATIONS:

Model	PlusII-12KVA	PlusII-15KVA	PlusII-20KVA	
Capacity	12KVA / 8.4KW	15KVA / 10.5KW	20KVA / 14KW	
Input	Voltage 190V, 208V, 220V, 230V, 240V, 380V			
	Frequency 50Hz or 60Hz +/- 5%			
	Phase 1P2W+G or 3P3W+G or 3P4W+G			
Output	Voltage 100Vac, 110Vac, 120Vac, 220Vac, 230Vac, or 240Vac			
	THD ≤3% (Linear load)			
	Voltage Regulation +/-1% (+/-3% with ISO Transformer)			
	Frequency Stability +/-0.5% (Free running)			
	Crest Factor 3:1			
	Transient Response +/- 0.5% (100% load change)			
	Short Circuit Auto cut off output no transferring to bypass			
	Waveform Pure Sinewave			
Transfer Time	Zero-cross transfer			
	Overload Capacity 105% -150% for 30 seconds, > 150% for 10 cycles			
	Efficiency ≥83%			
Battery	Battery Voltage 192V			
	Battery Type Lead acid maintenance-free battery			
	Back-up Time (Full) 4mins.		9mins.	5mins.
	Recharge Time 8 hours to 90%			
Indicator	LCD System operating status display, Input / Output Voltage, Frequency, Output Loading %, Battery Voltage, Temperatures °C			
	LED Line (Green), Inverter (Green), Bypass (Orange), Battery (Green), Fault (Red), Overload (Orange), Over Charge (Orange), Battery Level (5 LED Indicators)			
Audible Alarm	Utility Power Fail Beeping every 4 seconds approx. 2 mins. Auto-alarm reset			
	Low Battery Rapid beeping every second as battery approached final discharge			
	Fault, Over Charge Continuously			
Environment	Overload Beeping 2 seconds on every other second			
	Humidity 0 ~ 90%, non-condensing			
	Temperature 0 ~ 40°C (32°F-104°F)			
	Audible Noise < 50dBA at 1 meter < 60dBA at 1 meter			
EMC Standard	Safety Standard CE (EN50091-1)			
	EMC Standard FCC Part 15 Class A, CE (EN50091-2, EN55011)			
	Physical			
Physical	Weight(kgs)	234	320	336
	Dimension(D*W*H)	930*353*1017 mm		
Interface	Communication RS-232 / Dry contact or AS 400 (Optional)			
DESIGN, MANUFACTURE, SERVICES	ISO 9001-2000			
Warranty	1 year			

