Powerpack PLUS Series

Small Network, Servers and other IT Equipments







- RS232
- Fan
- **SNMP Slot**
- Battery Socket Output Socket
- RJ45
- Input Socket
- Input Breaker







- High Frequency and Double Conversion Online Technology
- Fully Digitized Microprocessor Control
- Wide Input Voltage Range
- O LCD Display
- UPS Start up Without Battery
- Cold Start
- Advanced Battery Management
- Automatic Battery Charging in UPS Off Mode
- Lightning, Surge, Short Circuit and Overload Protection
- Fan Speed Auto Control When Loads Varies
- Network / Fax / Modem Surge Protection
- Battery Voltage, Load Capacity Display
- EMI/RFI Noise Filter
- RS232 Com. Port with Monitoring Software EPO Function (Optional)



- ON/OFF Button
 Self-Test / Silence Button Scroll Button
- NormalAlarm
- Abnormal





MODEL	PLUS 1000	PLUS-RM 1000	PLUS 2000	PLUS-RM 2000	PLUS 3000	PLUS-RM 3000
Capacity	1kVA / 800W 2kVA / 1600W 3kVA / 2400W					2400W
NPUT						
/oltage Range	When Load <70%, Input Range is 115 ±5VAC~295 ±5VAC					
M. M	When Load ≥70%, Input Range is 160 ±5VAC~295 ±5VAC					
Frequency Range	46~54Hz ±0.5Hz or					
	56~64Hz ±0.5Hz Auto Sensing					
Phase	Single Phase					
Power Factor			≥(1.97		
DUTPUT						
foltage Range	220/230Vac ±1%					
requency Range	Sychronized With the Utility on AC Mode; 50Hz/60Hz ±0.2% On Battery Mode					
HD (Linear Load)	<3%					
HD (Non-Linear Load)	< 6%					
Overload Capability	>110%, 30s Turn To Bypass Mode;					
	>150%, 300ms Turn to Bypass Mode					
Crest Factor	3:1 (Max)					
Short Circuit Protection	5 Cycles Turn off Inverter, No Transfer to Bypass, Provide Alarm (AC Mode)					
	5 Cycles Turn off Inverter, Provide Alarm (Battery Mode)					
	Input Fuse Blown or Breaker Action (Bypass Mode)					
Vaveform	Pure Sine Wave					
iransfer Time	Between AC Mode and Battery Mode : Oms					
I GILLING	Between AC Mode and Bypass Mode : 4ms (Typical Value 2.5ms)					
ifficiency	≥86% ≥90%					
BATTERY						
Model	12V Sealed Lead Acid Maintenance Free					
OC Voltage	36VDC 96VDC					
Battery	3×12V/7AH 8×12V/7AH					
Backup Time (Half Load)	12min		19min		16min	
Backup Time (Full Load)	5min		8min		5min	
Charge Current (Standard Unit)	1A		1A		1A	
Charge Current (Long Time Unit)	7A 7A 7A					7A
Recharge Time	90% Capacity After 8hrs Charging					
COMMUNICATION INTERFACE	RS232; SNMP (Optional)					
	1. Input Voltage/Frequency, Battery Voltage, Output Voltage/Frequency, Load watt/VA and Percent, Inverter Temperature					
LCD Indication	2. Operation Mode Such as "On line", "On batt", or "On bypass"					
	Green LED For Normal Operation,					
LED Indication	2. Yellow LED for Warning Condition					
	3. Red LED for Abnormal Operation					
Noise Level	<45dB					
OPERATING ENVIRONMENT						
emperature			0~4	10°C		
Humidity	0%~95% (Non-Condensing)					
Altitude	<1500m					
	-25~55°C					
itorage Temperature			-25^	-33 C		
OTHER Standard Linit Nort/Conce Moinbt (kg)	14.80	14.00	22.00	2406	2406	35.07
Standard Unit Net/Gross Weight (kg)	14/16	14/16	33/35	34/36	34/36	35/37
ong Time Unit Net/Gross Weight (kg)	7.5/9	8/10	14/16	19/21	15/17	20/22
Dimensions W x D x H (mm)	144 × 419 × 215	483 × 400 × 89	191 × 478 × 339	483 × 520× 133	191 × 478 × 339	483 × 520× 13.

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