Powerpack Series



Small Network, Servers and other IT Equipments







- 1 RS232
- 2 Fan
- 3 SNMP Slot
- 4 Battery Socket5 Output Socket
- 6 RJ45
- 7 Input Socket
- 8 Input Breaker





- High Frequency and Double Conversion Online Technology
- Fully Digitized Microprocessor Control
- Wide Input Voltage Range
- CD 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)



- ② ON/OFF Button
- 3 Self-Test / Silence Button
- Scroll Button 6 Normal
- Abnormal





MODEL						
Capacity	1kVA /	700W	2kVA /	1400W	3kVA /	/ 2100W
INPUT						
Valtaga Danga	When Load <70%, Input Range is 115 ±5VAC~295 ±5VAC					
Voltage Range	When Load ³ 70%, Input Range is 160 ±5VAC~295 ±5VAC					
Frequency Rango	46~54Hz ±0.5Hz or					
Frequency Range	56~64Hz ±0.5Hz Auto Sensing					
Phase	Single Phase					
Power Factor	≥0.97					
OUTPUT						
Voltage Range	220/230Vac ±1%					
	Sychronized With the Utility on AC Mode; 50Hz/60Hz ±0.2% On Battery Mode					
ΓHD (Linear Load)	<3%					
THD (Non-Linear Load)	< 6%					
	>110%, 30s Turn To Bypass Mode;					
Overload Capability	>150%, 300ms Turn to Bypass Mode					
Crest Factor	3:1 (Max)					
Crost ructor	5 Cycles Turn off Inverter, No Transfer to Bypass, Provide Alarm (AC Mode)					
Short Circuit Protection	5 Cycles Turn off Inverter, Provide Alarm (Battery Mode)					
	Input Fuse Blown or Breaker Action (Bypass Mode)					
	Input Fuse Blown or Breaker Action (Bypass Mode) Pure Sine Wave					
Waveform Transfer Time						
	Between AC Mode and Battery Mode : 0ms					
-r:-i	Between AC Mode and Bypass Mode : 4ms (Typical Value 2.5ms)					
Efficiency	≥86% ≥90%					
BATTERY			40146			
Model	12V Sealed Lead Acid Maintenance Free					
DC Voltage	36VDC 96VDC					
Battery	3×12V/7AH		8×12V/7AH			
Backup Time (Half Load)	12n	nin	19r	nin	16	min
Backup Time (Full Load)	5m	nin	8n	nin	51	min
Charge Current (Standard Unit)	1/	4	1.	A		1A
Charge Current (Long Time Unit)	7.	A	7	A	7	7A
Recharge Time	90% Capacity After 8hrs Charging					
COMMUNICATION INTERFACE	RS232; SNMP (Optional)					
LCD Indication	1. Input Voltage/Frequency, Battery Voltage, Output Voltage/Frequency, Load watt/VA and Percent, Inverter Temperature					
	2. Operation Mode Such as "On line", "On batt", or "On bypass"					
LED Indication	1. Green LED For Normal Operation,					
	2.Yellow LED for Warning Condition					
	3. Red LED for Abnormal Operation					
Noise Level	<45dB					
OPERATING ENVIRONMENT						
Temperature	0~40°C					
Humidity	0%~95% (Non-Condensing)					
Altitude	<1500m					
Storage Temperature				55°C		
OTHER						
Standard Unit Net/Gross Weight (kg)	14/16	14/16	33/35	34/36	34/36	35/37
Long Time Unit Net/Gross Weight (kg)	7.5/9	8/10	14/16	19/21	15/17	20/22
	7.5/9 144 × 419 × 215		147 10 191 × 478 × 339	19/21 483 × 520× 133	191 × 478 × 339	483 × 520× 13
Dimensions WxDxH (mm)		483 × 400 × 89				
Packing (W×D×H) (mm)	258 × 524 × 334	587 × 550 × 254	332 × 603 × 482	592 × 665 × 292	332 × 603 × 482	592 × 665 × 2