Powerpack DSP 3/1 Series

10-20kVA

ONLINE UPS

Three Phase / Single Phase

Servers and Other Networking Equipment





- 0 RS232
- Pan
- Input Breaker
- SNMP Slot
- Parallel Port
- Battery SocketMaintenance Switch
- Terminal Block

 Active Wheel





- Three Phase in, One Phase Out
- High Frequency and Double Conversion On-line Technology
- Fully Digitized Microprocessor Control
- Wide Input Voltage Range
- LCD Display
- Cold Start
- Parallel Operation Up to 3 Units
- Advanced Battery Management
- Automatic Battery Charge in UPS Off Mode
- Lightning, Surge, Short Circuit and Overload Protection
- Fan Speed Auto Control When Loads Varies
- Optional Extension Battery Pack
- © EMI/RFI Noise Filter
- © RS232 Com. Port With Monitoring Software
- Optional SNMP Card Slot



- 1 LCD
- ON/OFF Button 3 Self-Test / Silence Button
- Scroll Button
- Normal
- Alarm
- Abnormal





MODEL					
Capacity	10kVA / 7kW	15k	VA / 10.5kW	20kVA / 14kW	
INPUT					
Voltage Range	304±5VAC~478±5VAC				
Frequency Range	46~54Hz ±0.5Hz or 56~64Hz ±0.5Hz auto sensing				
Phase	Three Phase				
Power Factor	≥0.95				
OUTPUT					
Voltage Range		220Vac ±1%			
Phase	Single Phase				
Frequency Range	50Hz/60Hz ±0.2% (Battery Mode)				
THD (Linear Load)	<2%				
THD (Non-Linear Load)	<6%				
Overload Capability	105%~130%, 10min Turn to Bypass Mode; >130% 1s Turn to Bypass Mode				
	5 Cycles Turn Off Inverter, No Transfer to Bypass, Provide Alarm (AC Mode)				
Short Circuit Protection	5 Cydes Turn Off Inverter, Provide Alarm (Battery Mode)				
	Input Fuse Blown or Breaker Action (Bypass Mode)				
Waveform	Pure Sine Wave				
Transfer Time	0ms				
Efficiency	≥88%				
BATTERY					
Model	12V Sealed Lead Acid Maintenance Free				
DC Voltage	240V DC				
Configuration	20×12V/7A	⁄Н		External Battery Bank	
Backup Time (Half Load)	13min			Depends on the External	
Backup Time (Full Load)	5min			Battery Capacity	
Charge Current (Standard Unit)	1A			N/A	
Charge Current (Long Time Unit)	5A-7A				
Recharge Time	90% Capacity After 8hrs Charging				
COMMUNICATION INTERFACE	RS232; SNMP (Optional)				
Parallel Port	Parallel Availability for Redundancy and Load Sharing up to Three Units				
LCD Indication	1, Input Voltage/Frequency, Battery Voltage, Output Voltage/Frequency, Load watt/VA Value 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			<55dB		
ENVIRONMENT					
Temperature	0~40°C				
-lumidity	0%~95% (Non-Condensing)				
Altitude	<1500m				
Storage Temperature	0~40°C				
OTHER					
Standard Unit Net / Gross Weight (kg)	95 / 109			N/A	
Long Time Unit Net / Gross Weight (kg)	39/51			60/74	
Dimension (W×D×H) (mm)	260 x 570 x	717		320 x 620 x 950	
Padking (W×D×H) (mm)	430 x 700 x	430 x 700 x 845 410 x 717 x 1050			