

POWERPACK

SERIES

1-2-3 kVA

1:1
PHASE

ONLINE UPS



HOME/OFFICE



EMERGENCY



MEDICAL



INDUSTRY



UPS ONLINE



TOWER



POWER FACTOR



PLUG & PLAY

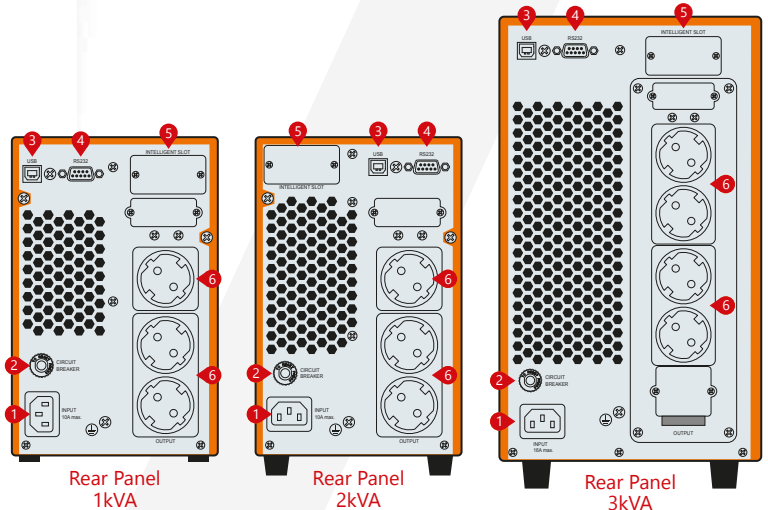


FEATURES

- High Frequency and True Double-Conversion
- Microprocessor Technology (CPU)
- Input Power Factor Correction (PFC)
- Wide Input Voltage Range (110~300V)
- Output Power Factor 0.9
- Cold Start
- Auto Sensing Frequency
- ECO Mode Operation for Energy Saving
- Selectable Output Voltage via LCD
- Output Bypass Settable via LCD
- Power-On Self Test
- Advanced Battery Management (ABM)
- Short Circuit and Overload Protection
- Automatic Charging in Off Mode
- Auto Control Fan Speed when Loads Varies
- Generator Compatible
- USB & RS232 Communication Port

DETAILS

1. AC Input
2. Circuit Breaker
3. USB
4. RS232
5. SNMP/AS400 (Optional)
6. Output



CERTIFICATES



MODEL				
Capacity		1kVA / 900W	2kVA / 1800W	3kVA / 2700W
INPUT				
Voltage Range	Low Line Transfer	110 ~ 300 VAC ±3% at 60% Load 160 ~ 300 VAC ±3% at 100% Load		
	High Line Transfer	145 VAC ±5% or 300 VAC ±5%		
Frequency Range		40Hz ~ 70 Hz		
Phase		Single Phase with Ground		
Power Factor		≥0.99 @ Nominal Voltage (Input Voltage)		
OUTPUT				
Output Voltage		200 / 208 / 220 / 230 / 240 VAC		
AC Voltage Regulation		±1% (Batt. Mode)		
Frequency Range		47 ~ 53 Hz or 57 ~ 63 Hz (Synchronized Range)		
Frequency Range (Batt. Mode)		50 Hz ± 0.25 Hz or 60 Hz ± 0.3 Hz		
Overload Capability		Ambient Temp. <35°C 105% ~ 110%: UPS Shuts Down After 10 Minutes at Battery Mode or Transfer to Bypass When The Utility is Normal 110% ~ 130%: UPS Shuts Down After 1 Minute at Battery Mode or Transfer to Bypass When The Utility is Normal > 130%: UPS Shuts Down After 3 Seconds at Battery Mode or Transfer to Bypass When The Utility is Normal		
Current Crest Ratio		3:1		
Harmonic Distortion		≤3 % THD (Linear Load); ≤6 % THD (Non-Linear Load)		
Transfer Time	AC Mode to Batt. Mode	Zero		
	Inverter to Bypass	4 ms (Typical)		
Waveform (Batt. Mode)		Pure Sinewave		
EFFICIENCY				
AC Mode		88%	89%	90%
Battery Mode		83%	87%	88%
BATTERIES				
Number & Type		2 x 12V/7Ah or 12V/9Ah	4 x 12V/7Ah or 12V/9Ah	6 x 12V/7Ah or 12V/9Ah
Recharge Time		4 Hours Recover to 90% Capacity (Typical)		
Charging Current		1.0 A (Max)		
Charging Voltage		27.4 VDC ±1%	54.7 VDC ±1%	82.1 VDC ±1%
ENVIRONMENTAL				
Operating Humidity		20-90 % RH @ 0- 40°C (Non-Condensing)		
Noise Level		Less than 50dBA @ 1 Meter		
MANAGEMENT				
RS232 (Standard) / USB (Optional)		Supports Windows® 98/2000/2003/XP/Vista/2008/Windows® 7/8/10, Linux, Unix and Mac		
SNMP (Optional)		Power Management from SNMP Manager and Web Browser		
DIMENSIONS & WEIGHT				
Dimension WxDxH (mm)		145 x 282 x 220	145 x 397 x 220	190 x 421 x 318
Net Weight (kg)		9.8	17	27.6

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