

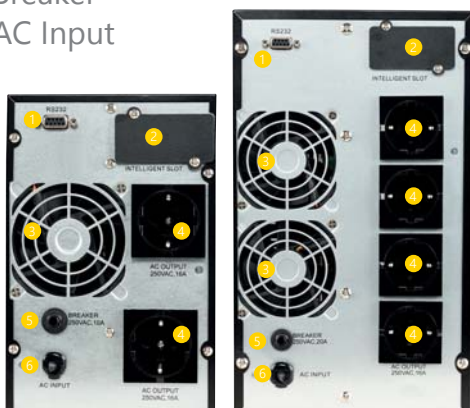
ONLINE UPS  
1-3kVA  
Single Phase / Single Phase

# Powerpack Prime Series

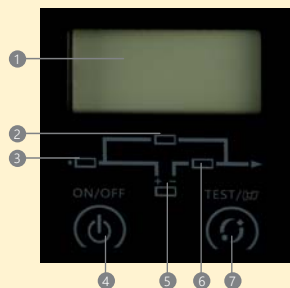
Servers and Other  
Networking Equipment



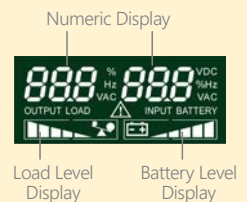
- ① RS232 Port
- ② Intelligent Slot
- ③ Fan
- ④ Output Socket
- ⑤ Breaker
- ⑥ AC Input



- True Double-Conversion Design with High Adaptability to Harsh Mains Conditions
- DSP design Enables Precise and Reliable Control
- High Efficiency Results in Energy Saving
- Output Power Factor 0.8 (up to 0.9 under 30°C)
- Wide AC Input Range (110-300Vac)
- Automatic Switching Between 50/60Hz System
- Precise Voltage Regulation ( $\pm 1\%$ )
- Supports AC Generator
- Supports DC Start-up and Auto Restart
- Intelligent Communication Slot Enables Remote Monitoring



- ① LCD Display
- ② Bypass Led
- ③ Mains Led
- ④ ON / OFF Button
- ⑤ Battery Led
- ⑥ Inverter Led
- ⑦ Test Button



1kVA • 2kVA • 3kVA

MODEL			
Capacity	1000VA / 800W	2000VA / 1600W	3000VA / 2400W
INPUT			
Input Voltage Range	110~300Vac		
Frequency Range	40-70Hz		
Input Wiring	Single Phase with Ground		
Current Distortion (THD)	<10%		
OUTPUT			
Output Power Factor	0.8		
Nominal Output Voltage	200 <sup>1</sup> /208 <sup>2</sup> /220/230/240 Vac		
Voltage Regulation	±2%		
Frequency Range (Battery Mode)	50/60 ±0.05 Hz		
Current Crest Ratio	2.95:1		
Voltage Distortion (THDv)	<4% @ linear load, <7% @ non-linear load		
Output Waveform	Pure Sine Wave		
Parallel Operation	N/A		
EFFICIENCY			
Inverter Mode	>89%	>90%	
Battery Mode	>83%	>83%	>83%
ECO Mode	N/A		
BATTERY			
Battery Type	12V/45W		
Number of Internal Battery	2	4	6
Rated Battery Voltage	24Vdc	48Vdc	72Vdc
Backup Time (@ Full Load)	4.5 min	4.5 min	4.5 min
Recharge Time (to 90%)	7 hours	7 hours	7 hours
Charging Current (max)	1A	1A	1A
TRANSFER TIME			
Battery Mode ↔ Inverter Mode	0ms		
Inverter Mode ↔ Bypass Mode	4ms		
PHYSICAL			
Display	LCD		
Audible Alarm	Yes		
Dimension (WxDxH) (mm)	144 x 345 x 229	190 x 393 x 328	
Net Weight (kg)	9.2	17.2	22.6
ENVIRONMENTAL			
Operating Temperature	0°C~40°C		
Noise Level	< 45 dB	< 50 dB	
INTERFACE			
RS232	Yes		
External Slot	Yes		
Emergency Power Off	No		

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Note:  
1. 200Vac will be subject to 80% output derating  
2. 208Vac will be subject to 80% output derating