

POWERPACK SERIES

6/10 kVA

1:1
PHASE

ONLINE UPS



HOME/OFFICE



EMERGENCY



MEDICAL



INDUSTRY



DATA CENTER



TRANSPORT



UPS ONLINE



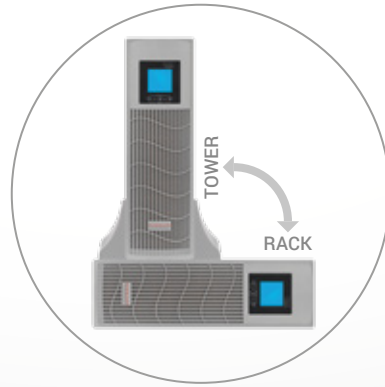
RACK/TOWER



POWER FACTOR



SERVICE

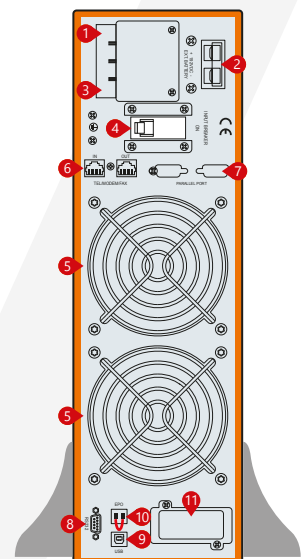


FEATURES

- High Frequency and True Double-Conversion
- DSP (Digital Signal Processors) Technology
- 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
- Standard RS232 Communication Port and RJ45 Protection
- USB/SNMP Communication Port (Optional)
- Emergency Power Off (EPO)
- Extension Battery Bank (Optional)
- Built-In Isolation Transformer (Optional)

DETAILS

1. AC Input
2. DC Input
3. Outlet
4. Breaker
5. Fan
6. Modem/Tel/Fax
7. Parallel Card (Optional)
8. RS232
9. USB (Optional)
10. EPO
11. SNMP/AS400 (Optional)



Rear Panel
6-10kVA



POWER
FORLIFE

Aytemiz
MAKELSAN®
Uninterruptible Power Supplies

MODEL			
Capacity		6kVA / 5400W	10kVA / 9000W
INPUT			
Related Voltage	208V / 220V / 230V / 240 VAC		
Voltage Range	Half Load (115-295) ±5 VAC, Full Load (165-295) ±5 VAC		
Frequency	40 ~ 70 Hz (Auto Sensing)		
Power Factor	≥0.99		
Bypass Voltage Range	160V - Rated Output Voltage +32V		
OUTPUT			
Voltage Range	208V / 220V / 230V / 240 VAC Setting Available via LCD		
Voltage Regulation	±1%		
Frequency	Synchronized with Utility in Mains Mode: 50 / 60 Hz ±0.2 Hz (Battery Mode)		
Waveform	Sinusoidal		
Crest Factor	3:1		
Harmonic Distortion	≤2% (Linear Load); ≤5% (Non-Linear Load)		
Transfer Time	Mains Mode to Battery Mode: 0ms Inverter Mode to Bypass Mode: 0ms		
Overload Capability	105% ~ 125% for 3min 125% ~ 150% for 30s >150% for 1s		
EFFICIENCY			
AC Mode	≥92%		
Battery Mode	≥91%		
ECO Mode	≥98%		
BATTERIES			
DC Voltage	192V		
Inbuilt Battery	16 x 7Ah		16 x 9Ah
Charge Current	Standard Model	1A	
	Long Time Model	1A / 3A / 5A / 8A	
Recharge Time	8h		
ALARMS			
Utility Failure	Beep / 4s		
Low Battery	Beep / 1s		
Overload	Beep Twice / 1s		
UPS Fault	Long Beep		
ENVIRONMENTAL			
Humidity	20-90% RH @ 0-40°C (Non-Condensing)		
Noise Level	≤55 dB (1m)		
COMMUNICATION			
RS232 (Standard) / USB (Optional)	Supports Windows® 98/2000/2003/XP/Vista/2008/Windows® 7/8/10		
SNMP (Optional)	Power Management from SNMP Manager and Web Browser		
DIMENSIONS & WEIGHT		6kVA	10kVA
Long Time Model			
Dimensions WxDxH (mm)	440 x 555 x 132		
Packaging Dimensions WxDxH (mm)	535 x 660 x 215		
Net Weight / Gross Weight (kg)	16.4 / 20.7		17.1 / 21.4
Standard Model			
Dimensions WxDxH (mm)	440 x 555 x 132 (UPS), 440 x 555 x 132 (BAT)		
Packaging Dimensions WxDxH (mm)	535 x 660 x 215 (UPS), 540 x 685 x 235 (BAT)		
Net Weight / Gross Weight (kg)	16.4 / 20.7 (UPS), 43.6 / 47.1 (BAT)		17.1 / 21.4 (UPS), 49.6 / 53.1 (BAT)

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