

POWERPACK PLUS SERIES

6-10 kVA

1:1
PHASE

ONLINE UPS



DATA CENTER



EMERGENCY



MEDICAL



INDUSTRY



TRANSPORT



UPS ONLINE



TOWER



POWER FACTOR



SERVICE

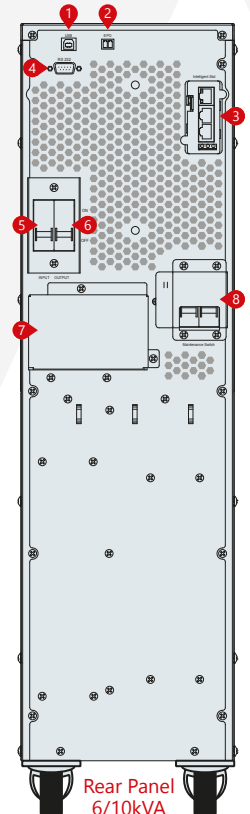


FEATURES

- Online Double Conversion with DSP Control
- Input Current Harmonic: <3%
- Output Power Factor 0.9
- Wide Input Voltage Range: 110-300VAC
- Wide Input Frequency Range
- Support Generator Input
- ECO Mode Operation for Energy Saving
- Self-Testing when UPS Startup
- Cold Start
- SNMP Card/Relay Card (Optional)

DETAILS

1. USB Port
2. EPO Port
3. Intelligent Slot (Optional)
4. RS232
5. Input Breaker
6. Output Breaker
7. Terminal
8. Maintenance Bypass Switch



Rear Panel
6/10kVA

CERTIFICATES



MODEL		
Capacity	6kVA / 5400W	10kVA / 9000W
INPUT		
Nominal Voltage	220 / 230 / 240 VAC	
Operating Voltage Range	110 - 300 VAC	
Frequency	50 Hz: 45-55 Hz; 60 Hz: 54-66 Hz (Auto Sensing)	
Power Factor	≥0,99	
Bypass Voltage Range	Max. Voltage: 220V: +25% (Optional +10%, +15%, +20%), 230V: +20% (Optional +10%, +15%) 240V: +15% (Optional +10%), Min. Voltage: -45% (Optional -20%, -30%)	
Bypass Frequency Range	Frequency Protection Range: ±10%	
ECO Range	Same as the Bypass	
Harmonic Distortion (THDI)	<3% (100% Linear Load)	
Generator	Compatible	
OUTPUT		
Voltage Range	220 / 230 / 240 VAC	
Power Factor	1	
Voltage Regulation	±1%	
Frequency	AC Mode: ±1%, ±2%, ±4%, ±5%, ±10% of the Rated Frequency (Optional) Battery Mode: 50-60 ± 0.1 Hz	
Crest Factor	3:1	
Harmonic Distortion	≤2% (Linear Load) ≤5% (Non-Linear Load)	
Efficiency	>92%	>93%
BATTERY		
Battery Voltage	±96 / 108 / 120 VDC (Optional)	
Capacity (Standar Unit)	12V-7Ah / 9Ah	
Typical Recharging Time	6-8 Hours (to 90% of Full Capacity)	
Charging Current	1A	
SYSTEM FEATURES		
Transfer Time	Main to Battery: 0ms; Mains to Bypass: 0ms	
Overload	AC Mode: Load ≤110%: last 10 min, ≤130%: last 10 min, >130%: turn to Bypass Mode Immediately Battery Mode: 40A (Breaker) 80A (Breaker)	
Short Circuit	Hold Whole System	
Overheat	Line Mode: Turn to Bypass; Bat. Mode: Shut Down UPS Immediately	
Battery Low	Alarm and Switch Off	
Self-Diagnostics	Upon Power on and Software Control	
Battery	Advanced Battery Management	
Audible & Visual Alarms	Line Failure, Battery Low, Overload, System Fault	
LED&LCD Display	Line Mode, Battery Mode, Eco Mode, Bypass Mode, Battery Low, Overload & UPS Fault	
LCD Display	Input Voltage, Input Frequency, Output Voltage, Output Frequency, Load Percentage, Battery Voltage Inner Temperature & Remaining Battery Backup Time	
Communication Interface	RS232, USB, SNMP Card (Optional), Parallel Card (Optional), Relay Card (Optional)	
ENVIRONMENTAL		
Operation Temperature	0°C~40°C	
Storage Temperature	-25°C~55°C	
Humidity	0%~90% (Non-Condensing)	
Altitude	<1500 m	
Noise Level	<55 dB	
STANDARDS		
Safety	IEC/EN62040-1, IEC/EN60950-1	
EMC	IEC/EN62040-2, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-8	
DIMENSIONS & WEIGHT		
Dimensions WxDxH (mm)	191 x 460 x 720	
Net Weight (kg)	60	61

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