

Powerpack DSP PRO Series

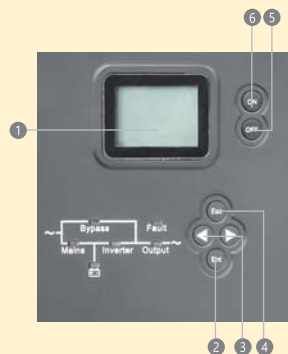
ONLINE UPS
6-10kVA
Single Phase / Single Phase

Computer Room, Network Center,
Communication System,
Automation Control System and
Other Critical Systems



- Online Double Conversion
- PFC Technology
- Full Digital Control (DSP)
- Output Power Factor: 0.8
- Input Current Harmonic: 5%
- Charging /Rectifier/Inverter Fully Digital Control Technology
- Economic Operation Mode (ECO)
- Optimization Battery Group: 16/18/20 Pieces (Optional)
- Wide Voltage Range: 120VAC-276VAC
- Input Over/under-Voltage Protection
- Automatic Bypass
- Cold Start (DC)
- Fault Isolation
- RS232 Com. Port With Monitoring Software, Dry Contact, RS485*2

- ① Centralized Monitoring Card
- ① Relay Card
- ① SNMP
- ② Parallel Module



- ① LCD
- ② Enter
- ③ Right or Down / Left or Up
- ④ ESC
- ⑤ OFF Button
- ⑥ ON Button

6kVA • 10kVA

MODEL			
Capacity		6kVA / 4.8kW	10kVA / 8kW
INPUT			
Phase		Single phase & Ground	
Rated Voltage		220/230VAC	
Voltage Range		120VAC~276VAC	
Frequency Range		40Hz~70Hz	
Power Factor		≥0.99	
Bypass Voltage Range		Max. Voltage: +15% (Optional +5%, +10%, +25%)	
		Min. Voltage: -45% (Optional -20%, -30%)	
		Frequency Protection Range: ±10%	
ECO Range		Same as the Bypass	
Harmonic Current		≤5% (100% Non-linear Load)	
OUTPUT			
Phase		Single Phase & Ground	
Rated Voltage		220/230VAC	
Power Factor		0.8	
Voltage Precision		±2%	
Output Frequency	Utility Mode	±1%, ±2%, ±4%, ±5%, ±10% of The Rated Frequency (Optional)	
	Battery Mode	(50±0.2) Hz	
Crest Factor		3:1	
Transfer Time		0ms	
Overload Capacity		Load ≤10% 60min, ≤125% Last 10min, ≤150% Last 1min, ≥150% Shut Down UPS Immediately	
THD		≤2%	
Efficiency		ECO Mode ≥98%; Normal Mode ≥90%	
BATTERY			
Voltage		±96V \ ±108V \ ±120V DC; Battery Quantity (Optional)	
Backup Time		Full load ≥2min (Standard), Long Time Unit Depends on The Capacity of External Batteries	
Charge Current		1A (Standard); Maximum 6A	
ENVIRONMENT			
Temperature		0~40°C	
Humidity		0%~95% (Non-Condensing)	
Storage Temperature		-25~55°C	
Altitude		<1500m	
OTHER			
Communication Interface		RS232, Optical Coupler Dry Contact, RS485, SNMP Card (Optional), Parallel Card (Optional), Centralized Monitoring Card	
Unit Dimension (W×D×H) (mm)		250 x 590 x 655	250 x 590 x 655
Weight (kg)		70kg (Standard) / 30 (Long Time Unit)	80kg (Standard) / 40 (Long Time Unit)
Industry Standard		CE,EN/IEC 62040-2,EN/IEC 62040-1-1	

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