

Powerpack PLUS PRO Series

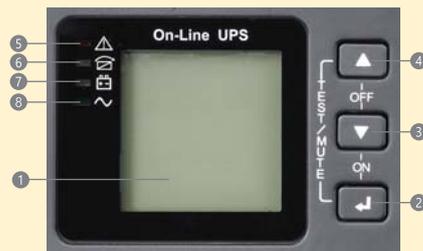
ONLINE UPS
1-3kVA
Single Phase / Single Phase

Small Network, Servers and other
IT Equipments



- Online-Double Conversion (PFC)
- Full Digital Control (DSP)
- Output Power Factor: 0.7 (0.8-0.9 Optional)
- Economic Operation Mode (ECO)
- Wide Input-Voltage Range
- Self-Testing When UPS Startup
- Cold Start (DC)
- Multifunctional Protection
- Output Bypass Settable
- Input Neutral and Live Wires Reverse Detection
- Optimized Battery Configuration: (1k:24VDC, 2k:48VDC, 3k:72VDC)
- Charger Extendible
- USB Port (Optional), USB is of Automatic Priority When USB & RS232 Work Together
- Intelligent Slot (Optional): USB /SNMP /Dry Contact Board

- ① SNMP
- ① Drycontact Card
- ② USB



- ① LCD
- ② Scroll Button
- ③ Up / Down
- ④ Alarms
- ⑤ Bypass Led
- ⑥ Battery Led
- ⑦ Normal

1kVA • 2kVA • 3kVA

MODEL							
Capacity		1kVA / 700W		2kVA / 1400W		3kVA / 2100W	
INPUT							
Rated Voltage		220/230/240 VAC					
Voltage Range		115VAC~295VAC					
Frequency Range		50/60Hz ±10% (Auto Sensing)					
Power Factor		≥0.98					
Bypass Voltage		186VAC~252VAC					
Current Harmonic		<3% (Linear Load)					
OUTPUT							
Rated Voltage		200/208/220/230/240VAC±1% (Optional)					
Power Factor		0.7 (0.8-0.9 Optional)					
Output Frequency	Utility Mode	Follow Utility					
	Battery Mode	(50/60±0.2%) Hz					
Crest Factor		3:1					
Transfer Time		(Utility ← → Battery)=0ms					
		(Utility ← → Battery)<4ms					
Overload Capacity	Battery Mode	108% ±5% <Load ≤150% ±5% Exceed 30s, Cut off and Alarm, 150% ±5% <Load <200% ±5% Exceed 300ms, Cut off and Alarm					
	Utility Mode	108% ±5% < Load ≤150% ±5% Exceed 30s, Transfer to Bypass and Alarm, 150% ±5% < Load <200% ±5% Exceed 300ms, Transfer to Bypass and Alarm					
Efficiency	Utility Mode	86%					
	Battery Mode	84%					
THD		≤3% (100% linear load)					
		≤5% (100% non-linear load)					
BATTERY							
Voltage		24VDC	24VDC	48VDC	48VDC	72VDC	72VDC
Battery Configuration		2x12V/7AH	-	4x12V/7AH	-	6x12V/7AH	-
Type		12V/7AH (Standard)					
Backup Time		50% Load ≥5min (Standard), Long Time Unit Depends on the Capacity of External Batteries					
Charge Current (A)		1A	4A	1A	4A	1A	4A
OPERATING ENVIRONMENT							
Temperature		0~40°C					
Humidity		0%~95% (Non-Condensing)					
Noise Level		<45dB					
Storage Temperature		-25~55°C					
Altitude		<1500m					
OTHER							
Communication Interface		RS232 Optional (USB Port, USB Card, SNMP Card, Dry Contact Card)					
Unit Dimensions W x D x H (mm)		144 × 361 × 215			191 × 428 × 337		
Weight (kg)		10.2/11	5.2/6	19.5/21.1	9.5/11.1	24/25.6	9.7/11.3
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					

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