

Powerpack RT PRO Series

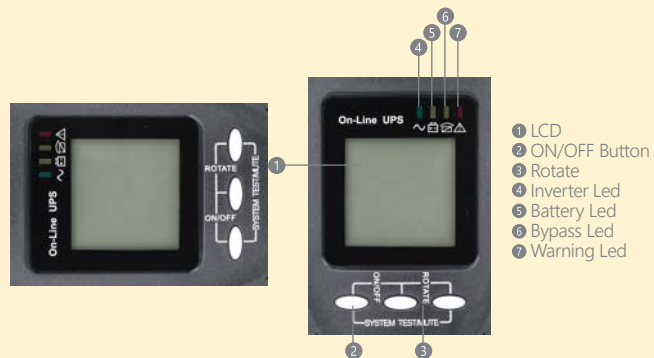
ONLINE UPS
1-3kVA
Single Phase / Single Phase

Rackmounted Servers and Other
Networking Equipments



- High Power Density Output Power Factor Up To 0.9
- Rack and Tower Installation Convertible
- Three Segment Charging Mode
- Optimize Recharge Time
- Selectable High Efficiency Mode of Operation.
- Cold Start Function
- RS232, USB and Relay card or SNMP port
- Power Shedding Function May Turn off Uncritical Load in Battery Backup to Make Longer Backup Time For Critical Load
- Extended Matching Battery Cabinets
- Emergency Power Off
- Versatile LCD Display With Setting Function
- Hotswappable battery pack from front

- 1 USB
- 2 SNMP / DRYCONTACT BOARD



1kVA • 2kVA • 3kVA

MODEL			
Capacity	1000VA / 800W	2000VA / 1600W	3000VA / 2400W
INPUT			
Voltage Range	200~290VAC at Full Load		
Frequency Range	45~55Hz at 50Hz/55~65Hz at 60Hz (Auto-Detect)		
Phase	Single Phase With Ground		
Current THDi	<7% (100% Nonlinear Load)	<7% (100% Nonlinear Load)	<7% (100% Nonlinear Load)
Power Factor	≥ 0.98		
Generator Input	Support		
Breaker	7A	16A	25A
Input Socket	IEC320 C13-10A	IEC320 C20-16A	IEC320 C20-16A
AC Power Cord	IEC320 C14-10A	IEC320 C19-16A	IEC320 C19-16A
OUTPUT			
Voltage	200/208/220/230/240VAC		
Power Factor	0.9		
Voltage Regulation	±2%		
Frequency (Line Mode)	46~54Hz at 50Hz/56~64Hz at 60Hz		
Frequency (Battery Mode)	50/60Hz ±0.02Hz		
Current Crest Ratio	3:1		
Harmonic Distortion	≤ 3% THD (Linear Load) ≤ 5% THD (Non-Linear Load)		
Output Waveform	Pure Sinewave		
Outlet	(IEC C13-10A)×6	(IEC C13-10A)×8	(IEC C13-10A)×8 (IEC C19-16A)×1
Overload Capacity	Line Mode	30S at 100%~150%; 300ms at >150%	
	Battery Mode	30S at 100%~150%; 300ms at >150%	
EFFICIENCY			
AC Mode	Full load ≥89%	Full load ≥89%	Full load ≥89%
Battery Mode	Full load ≥84%		
ECO Mode	Full load ≥94%		
BATTERY			
Number of Batteries Per Set	3	6	3
Battery Type	12V/7Ah/9Ah	12V/7Ah/9Ah	12V/9Ah
Backup Time	Estimated Remaining Time Displayed on the LCD		
Recharge Time (to 90%)	5 Hours	5 Hours	5 Hours
Charging Current (Max)	1.0A	1.0A	1.0A
Rated Battery Voltage	36Vdc	72Vdc	72Vdc
Charge Mode	3-Stage Charging		
Protect	Over-Voltage /Over-Current /Low-Voltage		
Battery Socket	Anderson Like PowerPole Modular Connectors		
TRANSFER TIME			
Mains←→Battery	0ms		
Mains←→Bypass	<4ms		
OPTIONAL FEATURES			
Economic Mode (ECO Mode)	Support		
INDICATOR			
LCD Version (With LED)	Load/Battery/Input/Output/Operating Mode Information		
AUDIBLE ALARM			
Battery Mode	Sounding Every 4 Seconds		
Low Battery	Sounding Every Second		
Overload	Sounding Twice Every Second		
Fault	Continuously Sounding		
PHYSICAL			
Dimension (W×D×H) (mm)	440×430×86.5	440×690×86.5	
Net Weight (kg)	16.2	28.1	29.2
ENVIROMENT			
Safety	CB		
Operating Environment	0~40°C		
Relative Humidity	0~90% (Non-Condensing)		
Altitude	<1500m. When >1500m, Derating		
Noise Level	<55dB at 1Meter		
INTERFACE			
Smart RS-232/USB (Preferential)	Software Supports Windows Family, Linus, FreeBSD		
Intelligent Slot	SNMP (Independent to RS232)		

*If rated input voltage select to be 200V , the low limit is 180V. If rated input voltage select to be 208V , the low limit is 190V. Under other condition the low limit is 200V.

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