

Uninterruptible Power Supplies



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PKR Plus Series

1000-3000VA

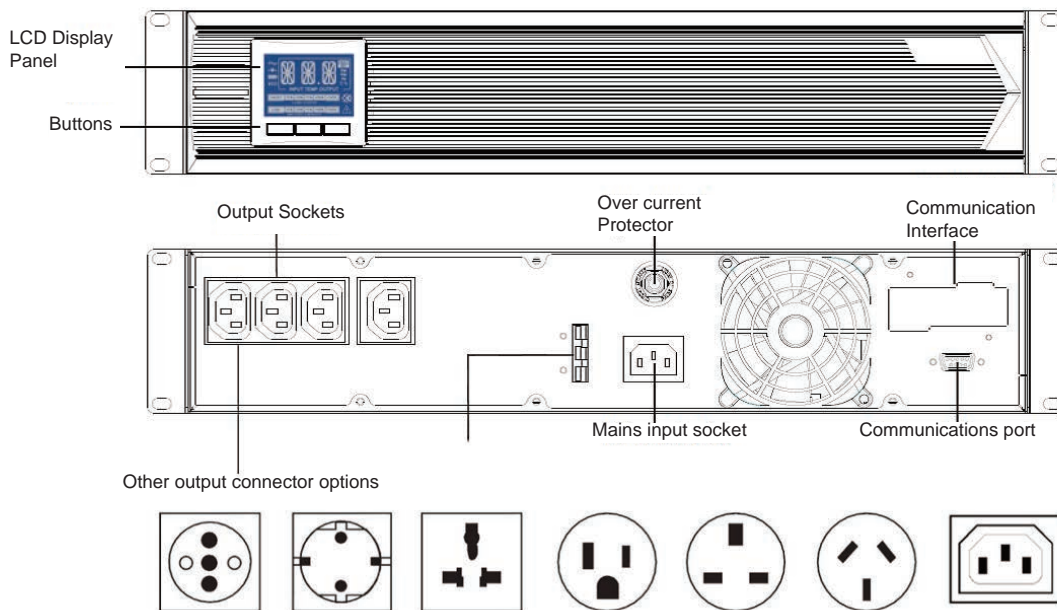
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Features

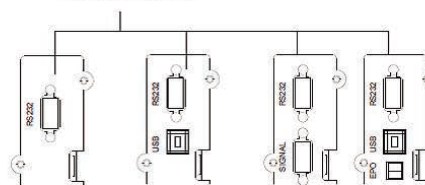
- Online double conversion design
- High input/output Power Factor
- Wide input voltage range
- Automatic Bypass
- Various communication interface options including RS232+USB+EPO, dry contacts & SNMP adaptor
- UPS management software
- External battery bank for increased hold up time with higher current charger (optional)
- 19" Rack Mounting 1KVA 2U, 2KVA & 3KVA 2U +2U Battery Racks
- Can also be used as stand alone tower unit.
- Fitted with 5 year life batteries, 10 year life optional
- 5 years warranty (excluding batteries, unless 10 year life versions fitted)



Example of rear panel, various connector options



Communication Interface



1 kVA Front & Rear Panel, 2kVA & 3kVA similar with twin cooling fans

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MODEL	PKR1000P	PKR1000P-L	PKR2000P	PKR2000P-L	PKR3000P	PKR3000P-L
INPUT						
Voltage	176-295VAC (load above 75%), 154-295VAC (load under 75%), 120-295VAC (load under 50%)					
Frequency	50/60Hz \pm 10% auto select					
Input phase	Single phase 3 wire					
Battery Voltage	24V	36V	48V	72V	72V	96V
OUTPUT						
Capacity (VA/W)	1000/900	1000/900	2000/1800	2000/1800	3000/2700	3000/2700
Efficiency AC-AC	92%	92%	93%	93%	94%	94%
Power Factor	0.9 (if temperature below 30°C can increase to 1)					
Voltage	208/220/230/240 \pm 1% (settable on display panel)					
Frequency	50/60Hz \pm 0.2% (battery mode), Total Harmonic Distortion <3% (linear load), <5% non-linear mode)					
Waveform	Sine Wave					
Distortion	Total Harmonic Distortion <3% (linear load), <5% non-linear mode)					
Transfer Time	Zero					
Overload	101-115% for 1 minute, 116-133% for 1 second, above 134% for 200mS					
BATTERY						
Battery Type	24V 9Ah (internal)	36V in external 2U rack(s) or stand alone	48V 9Ah in external 2U rack	72V in external 2U rack(s) or stand alone	72V 9Ah in external 2U rack	96V in external 2U rack(s) or stand alone
Charger Current	1 Amp	4 Amps	1 Amp	4 Amps	1 Amp	4 Amps
Battery Hold Up	Full load 3-4 mins 50% load 12-15 mins	Depends on number of battery racks fitted	Full load 3-4 mins 50% load 12-15 mins	Depends on number of battery racks fitted	Full load 3-4 mins 50% load 12-15 mins	Depends on number of battery racks fitted
Recovery Time	<10 hours (long run version depends on number of batteries fitted)					
OTHER						
Communication	RS232+USB+EPO (RS485, Dry Contacts & SNMP adapter are optional)					
Display	LCD					
Alarm	Low battery, Abnormal AC input, UPS Failure, Output Overload					
Protection	Low battery voltage, input over voltage, output overload, short circuit and over temperature					
Noise (dB)	<50dB				<55dB	
Operating Temp	-5°C to +40°C					
Relative Humidity	0-95% non condensing					
Weight (UPS)	11.5 kilos	7 kilos excluding external batteries	8 kilos excluding battery rack	9.9 kilos excluding battery rack	8.5 kilos excluding battery rack	10 kilos excluding battery rack
Dimensions	438W x 420D x 2U	438W x 420D x 2U Battery Rack(s) 438W x 420D x 2U	438W x 420D x 2U Battery Rack 438W x 420D x 2U	438W x 420D x 2U Battery Rack(s) 438W x 420D x 2U	438W x 420D x 2U Battery Rack 438W x 420D x 2U	438W x 420D x 2U Battery Rack(s) 438W x 420D x 2U