

PASCAL[®] HOME UPS

Pure Sine Wave Inverter with “ Solar Charger Controller” Wall Mount Design For Home and Office 1200-10.000 VA

The PASCAL Home UPS is a powerful all in one solution, delivers unsurpassed clean sine wave output power. Applicable for any kinds of load such as air conditioner, home appliances, consumer electronic and office equipments.

This Home UPS series features durable and continuous 24 hour operation. The five stages built in charger automatically charges any types of batteries without the risk of overcharging.

The wallmount design is compact and modular make it easy for limited space. The PASCAL Home UPS series is the high quality product that offers best price over performance ratio in the industry

Features:

- Multiple Microprocessor design
- Controllable panel with LCD
- Presetable Parameters
- DC start function, Self Diagnostic
- THD < 3%
- High Efficiency, Low Heat Dissipation
- High-Low Voltage Disconnect Protection
- Short Circuit Protection
- Puls-Width Mod. Charging Control
- Solar Charger Controller [Option]



Solar Charger [Option]

Specifications Home-UPS:

Type	Home UPS 1200	Home UPS 2400	Home UPS 3600	Home UPS 5000	Home UPS 6000	Home UPS 7500	Home UPS 10000
Capacity (VA)	1200 VA	2400 VA	3600 VA	5000 VA	6000VA	7500VA	10000 VA
Input	Nominal Voltage	220 VAC					
	Voltage Range	120 - 270 VAC					
Output	Frequency	50 Hz					
	Voltage Regulation (Backup mode)	220 VAC (230 VAC or 240 VAC preset at LCD panel)					
	Frequency Regulation (Backup mode)	< 3% RMS for entire battery voltage range					
	Power Factor	0,70			0,80		
	Waveform	Pure Sine Wave					
Transfer Time	< 6 ms			< 8 ms			
Battery	Battery Voltage	12 VDC	24 VDC		48 VDC		
	Backup time (at full load)	long backup time available					
Display	Maximum Charging Current	> 40 A	> 50 A		> 60 A		
	LCD	UPS Status, Input & Output Voltage / Frequency, Load %tage Battery Voltage and %tage, Temperature, Model					
Indicator	LED	Normal (Green), Warning (Yellow), Fault (Red)					
	Battery Mode	Beeps every 4 seconds					
	Low Battery	Beeps every second					
	UPS Fault	Beeps continuously					
	Overload	Beeps twice per second					
Environment	Operation Temperature	0 - 40°C					
	Humidity	0 - 95% non condensing					
Physical	Audible Noise	Less than 55 dBA (at 1 M)					
	Net Weight (kgs)	14,80	23,00	24,20	49,20	51,40	53,60
	Dimension (w x h x d in mm)	298 x 400 x 150	298 x 450 x 190		415 x 600 x 260		460 x 670 x 270

* Specifications are subject to change without prior notice



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EST. 1984

Solar Charger Controller Specification:

Bat Voltage/ Capacity	12V	24V	48V
	(1.2 KVA)	(2.4/3.6/5.0 KVA)	(6.0/8.0/11.0 KVA)
Solar Charging Voltage	13.80 V	27.70 V	55.20 V
Solar Max Peak Voltage	22.0 V	45.0 V	100.0 V
Solar Charging Working Voltage	11.7V±0.5 V	23.5V±1.0 V	44.0V±3.0V
Max Charging Current	50 A	50 A	50 A
Polarity Protect	YES	YES	YES
Back-Flow Protect	YES	YES	YES
Dimension WxDxH	112 x 80 x 50 [mm]		

Remark: The Output Current of Solar cells should not exceed 50A