

Inverter Rack Mount

The rack mount inverter is a compact, light-weight and low noise inverter with double CPU control.

It provides pure Sine wave output with less than 3% harmonic distortion. This inverter runs safely as it is protected against overload and short circuit currents and also features advanced battery management to ensure safe charging and discharging of batteries as well as prolonging battery life.

Some key features include:

- Pure Sine wave output with less than 3% THD
- LCD display indicators on front panel
- Double CPU control
- Smart RS232 communication port
- SNMP management capability
- Management software compatible
- Overload & short circuit protection
- Load & battery status indicator
- Fan speed auto control when load varies
- Advanced battery management
- Battery power & load meter display
- Low audible noise
- Small and light-weight



Product Specifications

Model		INV-700-LCD	INV-1000-LCD	
Capacity		700VA / 490w	1000VA / 700w	
Input	DC Voltage	± 48V		
	DC Voltage Range	± 40 – 56V _{DC}		
AC Output	Waveform	Pure Sine wave		
	Frequency	50/60Hz (optional)		
	Voltage	100V _{AC} /110V _{AC} /115V _{AC} /120V _{AC} /127V _{AC} OR 200V _{AC} /208V _{AC} /220V _{AC} /230V _{AC} /240V _{AC}		
	Voltage Regulation	± 2%		
	Frequency Stability	± 0.5%		
	Power Factor	0.7 (lagging)		
	Harmonic Distortion	< 3% (linear load)		
	Overload Detection	> 110% for 3sec / > 130% ± 10% for 1 sec		
	Crest Factor	3:1		
	Efficiency (DC – AC)	> 82%		
	Protection	Internal Protection	Overload Protection, Over temperature protection, Short circuit protection, Input DC voltage limit protection	
Input DC Voltage Alarm		Beeping once every 5sec when battery low		
UPS fault Alarm		Continuous beeping		
Physical & Environment	Dimensions W x D x H	428 x 525 x 44 mm 16.9" x 20.7" x 1.7"	428 x 525 x 44 mm 16.9" x 20.7" x 1.7"	
	Weight Kg (lbs.)	9.5 (20.9)	9.5 (20.9)	
	LCD Display	Status: inverter, backup, fault, battery capacity, load capacity, output voltage, inside temperature and fault status		
	Interface	Dry contact	Sends battery low signal, receives shut down signal from computer	
		RS232	Detects battery low, schedule UPS on/off, AC output power status display	
		Option	Novell, SNMP, Windows NT, Windows 95/98	
	Ambient Operation	0 – 40°C (32 – 104°F)		
	Humidity	0 – 95% non-condensing		
	Noise	< 45dBA (1meter from surface)		