

6000VA INVERTER SPECIFICATIONS



PREMIUM FEATURES

Unmatched Power

- 6000VA/4800W of clean, stable power
- Pure sine wave output (16 BIT DSP control)
- 0.8 Power Factor
- Perfect for homes and offices

Battery Management

- LFP battery compatible (73.6V nominal)
- Extended battery life
- Low battery indication at 69V
- Low battery shutdown at 64.4V

Smart Protection

- Advanced overload protection (100%-175% with timed responses)
- Automatic voltage regulation (110VAC-280VAC input range)
- Built-in short circuit protection (FUSE/Software)
- Battery surge overvoltage protection
- Quick response to system errors

User-Friendly Design

- Easy-to-read LCD display showing:
 - Battery voltage
 - Mains voltage
 - Inverter voltage
 - Load percentage
 - Charging current
 - Warning indicators
- Efficient cooling system (Heatsink/Cooling fan)
- Quick transfer time (<15ms)
- 1 Phase output at 220V/50Hz



HEAD OFFICE:

Admiral Energy
8 - The Green, Dover, DE 19901



REGIONAL HEAD OFFICE:

Admiral Energy
4105 Platinum Tower, Cluster I, Jumeirah Lake
Towers, Dubai, UAE.

MODEL	6000VA INVERTER
Nominal Voltage(V)	73.6V
Capacity in VA	6000VA
Capacity in watts	4800W
Power Factor	0.8 PF
INVERTER PARAMETERS	
Control	16 Bit DSP
Waveform Type	Pure Sine wave
AC Input Range (Wide Mode)	110VAC-280VAC
Nominal O/P Frequency	50Hz
Nominal O/P Voltage *	220V
Output Supply Phase	1 Phase
Overload	at 90% load
Typical Transfer Time (Narrow)	<15ms
Overload at Lower Voltage for 2 Min	100% -125%
Overload at Lower Voltage for 30 Sec	125% - 150%
Overload at Lower Voltage for 15 Sec	150% - 175%
Overload at Lower Voltage for 5 Sec	Above 175%
Transformer Coil	Copper
BATTERY	LFP Compatible
PROTECTIONS	
Low Battery Indication *	69V
Low Battery Shut down *	64.4V
Output Short Circuit	FUSE/Software
Battery Surge Over voltage	Protected
SPECIAL FEATURE	
S-BR Technology Inside	
LCD PARAMETERS	
Battery Voltage, Mains Voltage, Inverter Voltage, Load(in percentage) Mains Charging Current (A), Battery Low Warning, Over load warning.	
OTHERS	
Load transfer switch	RELAY
Display/Indications	LCD/LED
Thermal Management	Heatsink/Cooling fan

*PARAMETER VALUES CAN BE CUSTOMISED

OTHER FEATURES:

Quick response to system errors such as Overload, Heavy load, Surge load, Short circuit, High temperature, Battery low, Battery high etc.