

Atom

- 600VA simulated sine wave inverter
- Wide input voltage range
- 10 A standard charging current
- Auto restart while AC is recovering
- Overload, deep discharge, overcharge, and short circuit protection
- Cold start function
- Built-in solar charger (Option)
- Offering LED or LCD front panels for selection



Mighty

- 850VA/1.5K VA simulated sine wave inverter
- Selectable input voltage range for home appliances or personal computers
- 12VDC or 24VDC available
- Selectable charging current : 10A or 20A
- Auto restart while AC is recovering
- Overload and short circuit protection
- Generators & Computer-related devices compatible
- Offering LED and LCD panels for selection



Atom Inverter Selection Guide

MODEL		Atom 600
CAPACITY		600 VA / 360 W
INPUT		
Voltage		230 VAC
Voltage Range		100 - 290 VAC
Frequency Range		60/50 Hz (Auto sensing)
OUTPUT		
AC Voltage Regulation (Batt. Mode)		200V ~ 230V ± 5%
Transfer Time		13 ms (Typical)
Waveform (Batt. Mode)		Simulated Sinewave
Peak Efficiency (AC Mode)		> 95% @ Rated R load and battery full charged
BATTERY		
Battery Voltage		12 VDC
Floating Charge Voltage		13.7 VDC ± 2%
Low Battery Alarm Voltage		10.8 VDC ± 2%
Shutdown Voltage		10.0 VDC ± 2%
Overcharge Protection		15.0 VDC ± 2%
Maximum Charge Current		13 A
PROTECTION		
Full Protection		Overload, deep discharge, overcharge, and short circuit protection
INDICATORS		
LCD Display		AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault, and Low Battery
LED Display	Line Mode	Green lighting
	Battery Mode	Yellow flashing
	Fault	Red lighting
ALARM		
Low Battery		Sounding every second
Overload		Sounding every 0.5 second
Fault		Continuously sounding
PHYSICAL		
Dimension, D X W X H (mm)		358.5 x 96.8 x 146.5
Net Weight (kgs)		4.6
ENVIRONMENT		
Humidity		0 to 90% Relative Humidity(Non-condensing)
Operating Temperature		0 to 40
Storage Temperature		-15 to 50

Product specifications are subject to change without further notice

Mighty Inverter Selection Guide

MODEL	Mighty 850	Mighty 1.5K
CAPACITY	850 VA / 600 W	1500 VA / 1050 W
INPUT		
Voltage		120 VAC or 230 VAC
Selectable Voltage Range		90-145 VAC / 180-260 VAC (For Personal Computers) 50-160 VAC / 100-300 VAC (For Home Appliances)
Frequency Range		50/60 Hz (Auto sensing)
OUTPUT		
AC Voltage Regulation (Batt. Mode)		120VAC ± 10% or 230VAC ± 10%
Transfer Time		20 ms max.
Waveform (Batt. Mode)		Simulated Sinewave
BATTERY		
Battery Voltage	12 VDC	24VDC
Floating Charge Voltage	13.7 VDC ± 2%	27.4 VDC ± 2%
Low Battery Alarm Voltage	10.2 VDC ± 2%	20.4 VDC ± 2%
Shutdown Voltage	9.9 VDC ± 2%	19.8 VDC ± 2%
Overcharge Protection	15.0 VDC ± 2%	30.0 VDC ± 2%
Maximum Charge Current	10 A or 20 A	
PROTECTION		
Full Protection		Overload and short circuit protection
INDICATORS		
Line Mode		Green lighting
Battery Mode		Yellow flashing
Fault		Red lighting
ALARM		
Low Battery		Sounding every second
Overload		Sounding every 0.5 second
Battery Replacement		Sounding every 2 seconds
Fault		Continuously sounding
PHYSICAL		
Dimension, D X W X H (mm)		289 x 290 x 127
Net Weight (kgs)	6.99	10
ENVIRONMENT		
Humidity		0 to 90% Relative Humidity (Non-condensing)
Operating Temperature		0 to 40
Storage Temperature		-15 to 70

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