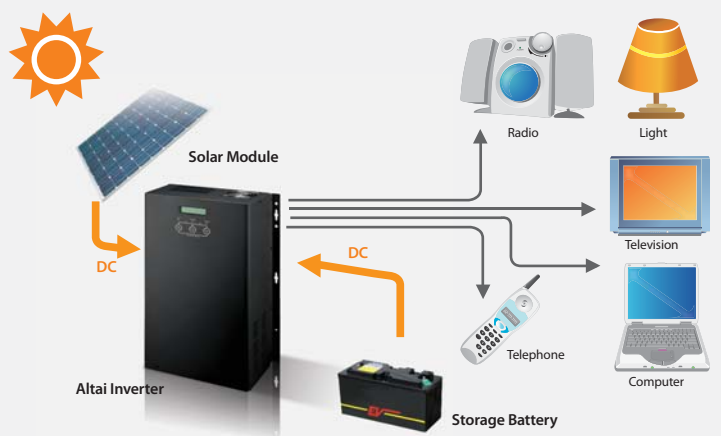


Altai Inverter



- Long time operation in low heat dissipation
- Pure sine wave
- Built-in adjustable and powerful charger up to 60 Amp for long backup time
- AC, DC and optional off grid solar panel connection
- 48 VDC for Altai 8K for easy battery installation
- Transformer robust design for harsh environment
- DC start function and automatic self-diagnostic function
- Suitable for all AC loads including sensitive electronics and heavy-duty equipments
- High efficiency, low harmonic distortion
- Optional remote control panel

ALTAI 1.2K/2.4K/3.6K/5K/6K/8K INVERTER SELECTION GUIDE

MODEL		Altai 1.2K	Altai 2.4K	Altai 3.6K	Altai 5K*	Altai 6K*	Altai 8K	
CAPACITY		1200 VA / 800 W	2400 VA / 1600 W	3600 VA / 2400 W	5000 VA / 4000 W	6000 VA / 6000 W	8000 VA / 8000 W	
INPUT								
Voltage Range	Nominal Voltage	220 VAC or 120 VAC					230 VAC only	
	Acceptable Voltage Range	120 - 270 VAC or 60 - 135 VAC					120 - 270 VAC	
	Low Line Transfer	120 VAC \pm 2 % or 60 VAC \pm 2 %					120 VAC \pm 2 %	
	Low Line Comeback	130 VAC \pm 2 % or 65 VAC \pm 2 %					130 VAC \pm 2 %	
	High Line Transfer	270 VAC \pm 2 % or 135 VAC \pm 2 %					270 VAC \pm 2 %	
	High Line Comeback	260 VAC \pm 2 % or 130 VAC \pm 2 %					260 VAC \pm 2 %	
Frequency Range		50 Hz / 60 Hz (45 Hz - 70 Hz)						
OUTPUT								
Voltage		220 VAC (230 VAC or 240 VAC re-settable via LCD panel) 115 VAC (115 VAC or 120 VAC re-settable via LCD panel)						
AC Voltage Regulation (Batt. Mode)		< 3 % RMS for entire battery voltage range						
Frequency Range (Batt. Mode)		50 Hz or 60 Hz \pm 0.1 Hz						
Power Factor		0.67		0.8		1		
Waveform (Batt. Mode)		Pure Sine Wave						
Transfer Time (Typical)		< 8 ms						
BATTERY								
Battery Voltage		12 Vdc	24VDC	24 Vdc	24 Vdc	48 Vdc		
Max. Charging Current (Adjustable)		> 40 A	> 50 A		> 60 A			
CONTROL PANEL								
LED Display		AC mode (Green LED), Battery mode (Yellow LED), Fault (Red LED)						
LCD Display		UPS status, Input, Output, Output voltage regulation, Load level, Battery voltage, Battery level, Temperature, Model						
ALARM								
Battery Mode		Sounding every 4 seconds						
Low Battery		Sounding every second						
Overload		Sounding twice every second						
Fault		Continuously sounding						
PHYSICAL								
Dimension, D X W X H (mm)		149 X 298 X 390	190 X 298 X 450	190 X 298 X 450	235 X 390 X 550	235 X 390 X 550	260 X 355 X 600	
Net Weight (kgs)		12	24	31.5	45	46	53.6	
ENVIRONMENT								
Humidity		0-95 % RH @ 0- 40°C (non-condensing)						
Noise Level		Less than 55dB @ 1 Meter						