

Home UPS

Pure Sinewave Inverter

Inverter + Charger + Transfer Switch
+ Solar Power In One package
For Home & Office





- Built in Programmable Battery Charger
- 24 hour operation from inverter
- Self diagnostic on start-up
- High Efficiency
- Designed to Operate in Harsh Environments
- Controllable, Programmable and Removable LCD Control Panel
- Parameters pre-settable for different battery AH Rating
- THD less than 3% total Harmonic Distortion
- High Efficiency, designed to save electricity
- Low Heat dissipation over for long run operation's
- Designed to operate under harsh environments
- Automatic transfer when power fails

Capacity		VA / Watt		1.2KVA 800 W	2.4KVA 1600 W	3.6KVA 2400 W	5KVA 4000 W	6KVA 6000 W	8KVA 8000 W
Input	Nominal Input Voltage			220/230/240Vac					
	Voltage Range	Acceptable Voltage Range		120~270Vac					
		Frequency		45Hz ~ 70Hz Auto-sensing					
		Under voltage Transfer		120Vac+/-2%					
		Under voltage Return		130Vac+/-2%					
		Over voltage Transfer		270Vac+/-2%					
		Over voltage Return		260Vac+/-2%					
Output	Voltage Selection			110/115/120Vac or 220/230/240Vac Re-Settable Via LCD panel					
	Voltage Regulation (Battery Mode)			<3% RMS for Entire Battery Voltage Range					
	Frequency Regulation	Line Mode		50Hz or 60Hz					
		Battery Mode		±0.1Hz					
	Power Factor		0.67	0.8	1.0				
	Wave form		Pure Sine Wave						
	Efficiency		>75%	>80%					
Protection	Overload Protection	Line Mode	110%~150% for 30 sec; >150% for 200ms, then UPS Shuts Down						
		Battery Mode	110%~150% for 30 sec; >150% for 200ms, then UPS Shuts Down						
	Short Circuit Protection	Line Mode	Circuit Breaker						
		Battery Mode	Electronic Circuit						
DC Start	Cold Start			Yes					
Transfer Time	Typical			< 8~ 10 ms.					
Battery	Battery Voltage			12Vdc	24Vdc	24Vdc	24Vdc	48Vdc	48Vdc
	Backup Time			According to the Batteries Used and Load – See Discharge Specs					
	Recharging Current			>15A ~ 40A	>25 A ~ 50A		>25 ~ 60A		
Display LCD	LCD			UPS status, I/P&O/P Voltage Frequency, Load Level, Battery Voltage & Level, Temperature, Model					
	LED			Normal (Green), Warning (Amber), Fault (Red)					
Audible Alarm	Battery Mode			Beeping every 4 seconds					
	Low Battery			Beeping every second					
	UPS Fault			Beeping Continuously					
	Overload			Beeping twice per second					
Environment	Operational Temperature			0-40 degree C; 32-104 degree F					
	Relative Humidity			0-95% non-condensing					
	Audible Noise			Less than 55dBA (at 1M)					
Physical	Dimension's (W*H*D) mm			298*400*150	298*450*190		415*600*260		
	Nett Weight (Kgs)			12 Kg	24 Kg	31.5 Kg	49.2 Kg	51.4 Kg	53.6 Kg
Safety Conformance	Safety Standard			EN62040-1-1					
	EMC			EN62040-2					
	Marks			CE, CUL, UL					