



SINE WAVE HOME UPS

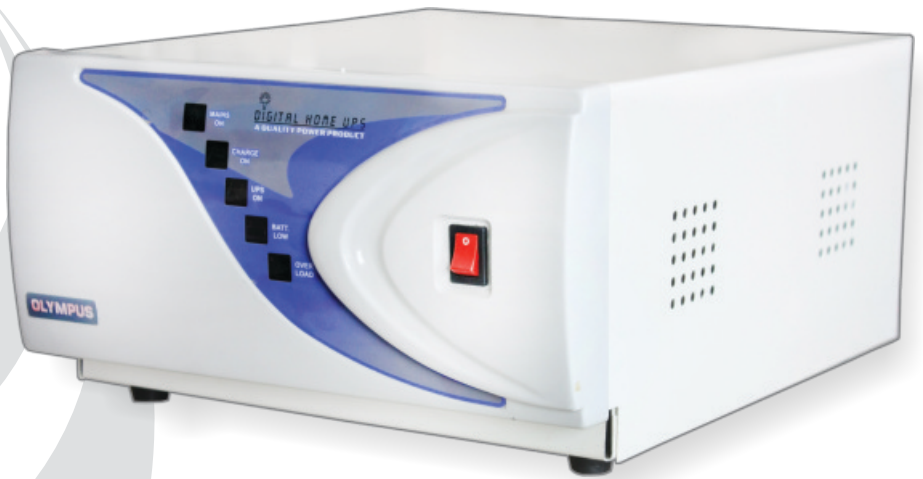
Just Switch On And Simply Forget

Advance MICRO CONTROLLER based UPS / INVERTER products have been carefully designed to operate in both industrial and commercial environments. In commercial applications, our ups / inverter products fit according to aesthetically into the environment and perform reliably for years.



SALIENT FEATURES

- Micro Controller/DSP Based smart controller design.
- Pure Sine Wave Output.
- Electronic Overload and Short Circuit Protection.
- Easily Serviceable.
- Auto Reset Feature.
- Mains Input Voltage Range Selection.
- Multi Stage Charging.
- Audio Visual Indications (Status & Fault).



A P P L I C A T I O N S



SINE WAVE MODELS	SI312	SI612	SI812	SI1024	SI1524 / SI1536	SI2024 / SI2036 / SI2048	SI2536 / SI2548	SI3048	SI3548
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INPUT

Input Voltage Range	100V ~ 300V(Wide input voltage range) 180V ~ 270V(Normal input voltage range)
Nominal Input Voltage(s) Supported	220V AC , 50Hz
Input connection type	Hard Wire
BATTERY Full Load Runtime (minutes)	Depends on Load & Battery AH

OUTPUT

Output Volt Amp Capacity(VA)	300	650	850	1000	1500	2000	2500	3000	3500
Output Watt Capacity (watts)	240	480	640	800	1200	1600	2000	2400	2800
DC System Voltage (VDC)	12V	12V	12V	24V	24V /36V	24V / 36V / 48V	36V / 48V	48V	48V
Output Voltage	220V ±5%								
Frequency Compatibility	50Hz ±2%								
Load PF Range	0.8 Lagging								
Load Capacity	>110% faulty after 300ms								
Phases	1Phase - 3 Wire (L.N.E)								
Output AC waveform	Pure Sine Wave								
Efficiency	> 88%								

GENERAL FEATURES

LCD / LEDs Indications	UPS ON (Yellow), Battery Low (Red), Mains ON (Green),Charging (Green), Overload(Red)
Alarms	Audible alarm indicates power failure and overload conditions
Switches	1)Switch control off/on power status 2)Switch for mains input voltage range 3)Switch to select the maximum charging voltage
Protection	> 300% Load (with manual reset function)
Cooling Method	Forced air cooled
Transfer time	Battery to line mode : 15 milliseconds / Line to battery mode : 15 milliseconds

DIMENSIONS

Cabinet Dimensions(HxWxL)mm	130 X 250 X 290			341 X 210 X 350			352 X 225 X 352		
Cabinet Weight (kg)	5.86	8.94	10.8	14.32	16	26.9	26.9	31.98	31.98
Shipping Dimensions(HxWxL)mm	200 X 320 X 400			205 X 500 X 445			200 X 320 X 400		
Shipping Weight (kg)	6.74	9.82	11.7	15.2	16.88	28.02	28.02	33.1	33.1
Housing Material	Powder coated / painted MS								

ENVIRONMENTAL

Operating Temperature Range	0°C to 50°C
Relative Humidity	95% (non-condensing)
Degree of Protection	IP 20

BATTERY

No of Battery	1	1	1	2	2/3	2/3/4	3/4	4	4
Battery Charging Profile(Boost /Foat)	Suitable according to Battery type (eg:VRLA/SMF/Wet Lead Acid Battery)								
Max Charging Current (when battery is fully discharge)	10A ±2amp								

SPECIAL FEATURES

Cold Start (startup in battery mode during a power failure)	Cold - start operation supported
Quality Certifications	ISO 9001:2008
Product Warranty Period	1 year limited warranty

We are committed to continuous development of our products, the specifications are subject to change without notice.

LOAD CHART	MODEL- SI612				MODEL- SI812				MODEL- SI1524 / SI1536				MODEL- SI2536 / SI2548			MODEL- SI3548		
	OPTIONS	A	B	C	D	OPTIONS	A	B	C	D	OPTIONS	A	B	C	OPTIONS	A	B	C
PC	1	-	-	-	-	1	-	-	-	-	1	-	-	-	1	-	-	1
TV	-	-	1	2	-	1	-	-	-	-	1	-	-	-	1	1	-	-
Tube Lights	2	4	3	-	3	3	4	2	7	6	6	4	7	1	2	2	4	4
Fans	2	3	3	-	3	3	4	2	7	6	6	4	4	4	6	4	6	6
CFL	2	2	-	2	2	4	2	2	2	2	12	12	-	-	-	1Ton	-	-

Note: The above values are conservative estimates as such exact loads are subject to manufacture's specification



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