

DSP SINE WAVE UPS POWER YOUR HOME & BUSINESS WORLD

We at Indus strive to add value to our customers life by providing them clean and stable power supply. The new age design of the Indus DSP sine-wave UPS coupled with the world's latest DSP technology has allowed us to consistently enrich our customers' lives. This reliable, efficient & highly cost effective solution is perfect for powering your home & business.



Applications



Small &
Medium offices



Home &
Residential



Available in:

• 700VA / 12V • 900VA / 12V • 1100VA / 12V • 1600VA / 24V • 2200VA / 24V

Indus DSP Sine Wave UPS Features:

- Pure Sine Wave Output
- DSP based auto sense intelligent control
- Automatic low battery cut off
- Overload sensing & short circuit protection
- PWM controlled efficient fast charging
- Fuzzy logic system
- Battery level auto sense smart charger
- Automatic battery level management.
- Serve dual purpose of inverter as well as ups.





DSP SINE WAVE UPS

Technical Specifications

Voltage Limits	Normal Mode	UPS Mode
Mains A.C Low cut Voltage	120 VAC \pm 5VAC	180 VAC \pm 5VAC
Mains A.C Low cut Recovery Voltage	130 VAC \pm 5VAC	190 VAC \pm 5VAC
Mains A.C High cut Voltage	285 VAC \pm 5VAC	265 VAC \pm 5VAC
Mains A.C High cut Recovery Voltage	275 VAC \pm 5VAC	255 VAC \pm 5VAC
Output Voltage with Full load UPS Mode	220 VAC \pm 5%	220 VAC \pm 5%
Battery Lower Voltage	10.5 V \pm 0.2 v (Per Battery)	10.5 V \pm 0.2 v (Per Battery)
Output Frequency		
Mains Output Frequency	Same as Input	Same as Input
HOME UPS Output Frequency	50.0Hz \pm 1.0Hz	50.0Hz \pm 1.0Hz
Battery Charging	PWM controlled efficient fast charging	
Battery Charging Mains Voltage Range	120 V to 280 V	180 V to 265 V
Maximum Charging current	LB - 8A \pm 1A	LB-8A \pm 1A
(When Battery is fully Discharged)	SB - 10A \pm 1A	SB-10A \pm 1A
Trickle charging Current limit	0.5 A \pm 0.3 A	0.5 A \pm 0.3 A
Battery Charger Boost Voltage	LB 13.9 V \pm 0.2 V (Per Battery)	LB 13.9 V \pm 0.2 V (Per Battery)
	SB 14.3 V \pm 0.2 V (Per Battery)	SB 14.3 V \pm 0.2 V (Per Battery)
Battery Charger Float Voltage	13.6 V \pm 0.2 V (Per Battery)	13.6 V \pm 0.2 V (Per Battery)
Overload	100 \pm 3% (With Auto Reset Function)	100 \pm 3% (With Auto Reset Function)
Short Circuit Protection	>300% Load (With Auto Reset Function)	> 300% Load (With Auto Reset Function)
Change over time	<30 m. Sec	<10 m. Sec

Manufactured By

Indus Instruments Pvt. Ltd.

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