



An ISO 9001 : 2000 Certified Co.

IGBT Based Pure Sine Wave **Cyber UPS**™

600^{Plus} 800^{Plus} 1400^{Plus}



with World's Most Advanced IGBT Based Multi Conversion Technology

15% Extra Back - up

10% - 15% Extra Power

Compact Design & Light Weight

20% - 25% Saving in Electricity

Compatibility with Generator

OSCRC™ Technology Based Charger

External DC Fuse (Easy to Replace)

Capable of Charging / Recovering Deep-Discharged Battery

Zero Battery Consumption in 'Switch Off' & 'Mains Off' Conditions

Pure Sine Wave even with Computer & Compact Fluorescent Lamp (CFL) Load

Lower Battery Discharge as compared to that with conventional Home UPS/Inverter

www.aceproducts.com

Technical Specifications*

Description	600VA	800VA	1400VA
Output Voltage at No Load	220V ± 5V AC		
Output Frequency	50.0Hz ± 1.0Hz		
Output Wave Form	Pure Sine Wave		
Nominal Battery Voltage	12V DC	24V DC	
Max. No Load Current @ Fully Charged Battery	1.2A		1.2A
Battery Low Alarm	10.6V ± 0.2V DC	21.2V ± 0.4V DC	
Battery Low Protection	10.4V ± 0.2V DC	20.8V ± 0.4V DC	
Peak Efficiency	> 85%		> 85%
No Load Current @ Switch Off/Mains Off	0A (Zero Amp)		
THD (Total Harmonic Distortion)	<= 3% @ resistive load.		
Full Load Battery Current	40A±2A	52A±2A	46A±2A

UPS Mode

Input Voltage Range	180V to 260V AC ± 5V AC
Maximum Changeover Time	<= 10ms

Normal Mode

Input Voltage Range	100V to 280V AC ± 10V AC
Input Voltage Range For Charging	100V to 280V AC ± 10V AC
Maximum Changeover Time	<= 10ms

Charging Mode

Charging Current @ 220VAC (NC)	7A +/-1A	9A +/-1A
Charging Current @ 220VAC (HC)	10A +/-1A	14A +/-1A
Boost Charging Voltage	14.2 ± 0.2 VDC	28.4 ± 0.2 VDC
Float Charging Voltage	13.7 ± 0.2 VDC	27.4 ± 0.2 VDC

Protections

Protections	Battery Voltage Low (4 Auto Retries), Over Load (6 Auto Retries) Battery Over Charge, Over Temperature, Short Circuit (one Retry), Battery Deep Discharge Protection
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Displays

Displays	AC Mains Voltage, UPS ON/OFF Short Circuit, Overload, Battery Low, Load % Mains ON/ OFF, Battery Charging/Charged/Low
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Weight and Dimensions

With Packaging WXDxH in mm	390x340x130		
Without Packaging WXDxH in mm	310x260x90		
Net Weight	3.4Kg	4.25Kg	
Gross Weight	4.2Kg	5.10Kg	

General

Communication	4 PIN Serial Interface for Calibration of Various Parameters
Operating Temperature Range	0 Deg. to 45 Deg.
Relative Humidity	0-90% Non Condensing

Load Chart *

Load	600 VA+		800 VA+		1400VA+	
TV	1	-	1	-	1	-
Tube light	4	4	6	5	10	8
Fan	3	4	4	5	7	9
Computers**	-	-	4	5	-	10

Note : The charging current can be increased / decreased using the unique and "first-in-class" On Site Charging Rate Control **www** features.

** For computers with 14" TFT monitors



MEMBER



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