

## MODEL : CHIC 650VA/12VDC DIGITAL HOME UPS

### TECHNICAL SPECIFICATION

<b>CAPACITY</b>	650 VA/12V
<b>VOLTAGE LIMITS</b>	
<b>NARROW WINDOW-UPS MODE (185-265V ± 10V)</b>	
Mains A.C Low Cut	185 ± 10V
Mains A.C Low Cut Recovery	190 ± 10V
Mains A.C High Cut	265 ± 10V
Mains A.C High Cut Recovery	260 ± 10V
<b>VOLTAGE LIMITS WIDE WINDOW W-UPS MODE (105V-285 ± 10V)</b>	
Mains A.C Low Cut	105 ± 10V
Mains A.C Low Cut Recovery	120 ± 10V
Mains A.C High Cut	285 ± 10V
Mains A.C High Cut Recovery	275 ± 10V
<b>OUTPUT PARAMETER</b>	
Mains Output Frequency	Same as Input (45 Hz-55Hz)
Output Frequency	50.0 Hz ± 0.1 Hz
Output Voltage with Full Load	200V-230V ± 25V
Overload	Above 110%
Short Circuit Protection	>250% Load (Few Msec)
<b>BATTERY CHARGING</b>	
FLC based Controlled SCR Charging with Soft Start Over Full Range of Mains 140V to 285V ± 10V	
Maximum Charging Current Limit	9.0±1.0 Amp For NC Mode 13±1.0 Amp For HC Mode
Charging Boost Voltage	13.9V ± 0.2V
Charging Float Voltage	13.6V + 0.2V
Battery Lower Voltage Limit	10.2V+0.2V (Depending on Load)
Recommended Battery Capacity	100AH-200AH
Dimension (W x D x H) in mm	137 x 308 x 205
Weight (Kg)	8.0 Kg

Specifications are subject to change without prior notice.

## MODEL : CHIC 850VA/12VDC DIGITAL HOME UPS

### TECHNICAL SPECIFICATION

<b>CAPACITY</b>	850 VA/12V
<b>VOLTAGE LIMITS</b>	
<b>NARROW WINDOW-UPS MODE (185-265V ± 10V)</b>	
Mains A.C Low Cut	185 ± 10V
Mains A.C Low Cut Recovery	190 ± 10V
Mains A.C High Cut	265 ± 10V
Mains A.C High Cut Recovery	260 ± 10V
<b>VOLTAGE LIMITS WIDE WINDOW W-UPS MODE (105V-285 ± 10V)</b>	
Mains A.C Low Cut	105 ± 10V
Mains A.C Low Cut Recovery	120 ± 10V
Mains A.C High Cut	285 ± 10V
Mains A.C High Cut Recovery	275 ± 10V
<b>OUTPUT PARAMETER</b>	
Mains Output Frequency	Same as Input (45 Hz-55Hz)
Output Frequency	50.0 Hz ± 0.1 Hz
Output Voltage with Full Load	200V-230V ± 25V
Overload	Above 110%
Short Circuit Protection	>250% Load (Few Msec)
<b>BATTERY CHARGING</b>	
FLC based Controlled SCR Charging with Soft Start Over Full Range of Mains 140V to 285V ± 10V	
Maximum Charging Current Limit	9.0±1.0 Amp For NC Mode 13±1.0 Amp For HC Mode
Charging Boost Voltage	13.9V ± 0.2V
Charging Float Voltage	13.6V + 0.2V
Battery Lower Voltage Limit	10.2V+0.2V (Depending on Load)
Recommended Battery Capacity	100AH-200AH
Dimension (W x D x H) in mm	137 x 308 x 210
Weight (Kg)	8.7 Kg

Specifications are subject to change without prior notice.