



Total Power Conditioners

Line interactive UPS

**HerculesHD series( Virtual Online) [ Range: 650VA - 10Kva ]**

<b>Technology mains.</b>	: PWM Technology with AVR (Automatic Voltage Regulation) on
<b>Capacity</b>	: 650VA- 10KVA.
<b>Input</b>	
Voltage	: 160V to 270V AC.
Frequency	: 50Hz +/- 3Hz.
<b>Output</b>	
Voltage	: 205V-235V on Mains (For AVR models).
Frequency	: 50Hz +/- 0.1Hz (on Battery).
Regulation	: 225V +/- 2% (on Battery).
<b>Wave form</b>	: Quasi Square Wave.
Power Factor	: 0.8 Lag to unity.
<b>Efficiency</b>	: Better than 90%.
<b>Switching Devices</b>	: Using "MOSFET"/ "IGBT" Devices.
<b>Transfer time</b>	: Less than 3-5 msec.
Noise Level	: Less than 40dB.
Withstanding Capacity	: 150% Over Load for 60 sec.
Type of Cooling	: Natural Air Cooling.
Mode of Charging	: Constant Voltage, Constant Current Charger.
<b>Protections</b>	
Input	: Mains Over Voltage / Under Voltage / Spikes / Surges.
Battery	: Over Charge / Low Voltage.
Output	: Over Load / Short Circuit.
<b>Indications</b>	: Mains ON / UPSON / Battery Low. / Overload
<b>Alarms</b>	: Battery Low / Over Load.
<b>Battery(Type)</b>	: External batteries, Tubular / SMF.
Backup Provisions	: 1 Hr. to 8 Hours.
Battery Voltage	: 12V to 120V.
Recharging Time	: 10 to 12 Hours.
<b>Display</b>	: LCD Display for 5Kva and above
<b>Environment</b>	
Temperature	: 0 to 50 deg C
Humidity	: 20 to 90% non condensing