



Total Power Conditioners

Line interactive UPS

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

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