



Total Power Conditioners

**Home UPS[DX - series]
[Range: 650VA - 30Kva]**

Technology : PWM Technology with High Voltage Protection on mains .

Capacity	: 650VA - 5KVA Domestic and Sine Wave Power Inverter Available up to 30KVA)
Input	
Voltage	: 130V to 260V AC.
Frequency	: 50Hz +/- 3Hz.
Output	
Voltage	: 230VAC(Nominal On Inverter and only Bypass On Mains)
Frequency	: 50Hz +/- 0.1Hz(on Battery).
Regulation	: 230V +/- 4%(on Battery).
Wave form	: Quasi Square Wave/Sine wave.
Power Factor	: 0.8 Lag to unity.
Efficiency	: Better than 90%.
Switching Devices	: Using "MOSFET"/ "IGBT" Devices.
Transfer time	: Less than 10 - 15 msec/ less than 1 sec for Power Inverter
Noise Level	: Less than 45dB.
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 / Spikes/ Surges.
Battery	: Over Charge / Low Voltage.
Output	: Over Load / Short Circuit.
Display	: LCD display for 5 Kva and above
Indications	: Mains ON/ Inv ON/ 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 360V.
Recharging Time	: 10 to 12 Hours.