



Total Power Conditioners

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

**Technology : PWM Technology with High Voltage Protection on mains .**

<b>Capacity</b>	: 650VA - 5KVA Domestic and Sine Wave Power Inverter Available up to 30KVA)
<b>Input</b>	
Voltage	: 130V to 260V AC.
Frequency	: 50Hz +/- 3Hz.
<b>Output</b>	
Voltage	: 230VAC(Nominal On Inverter and only Bypass On Mains)
Frequency	: 50Hz +/- 0.1Hz(on Battery).
Regulation	: 230V +/- 4%(on Battery).
<b>Wave form</b>	: Quasi Square Wave/Sine 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 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.
<b>Protections</b>	
Input	: Mains Over Voltage / Spikes/ Surges.
Battery	: Over Charge / Low Voltage.
Output	: Over Load / Short Circuit.
<b>Display</b>	: LCD display for 5 Kva and above
<b>Indications</b>	: Mains ON/ Inv ON/ 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 360V.
Recharging Time	: 10 to 12 Hours.