

ONLINE UNINTERRUPTED POWER SUPPLY (100 KVA) – 2Nos.
Doc. No: ST/12/UPS/2016-17/08

Features

- * The UPS should have soft start facility.
- * The system should be able to start without mains.
- * ISO certification for manufacturing.

Specifications

Input voltage range/Nominal	: 325– 470 V / 415V, 3PH
Input Frequency	: 45 to 55Hz
Input power factor	: 0.95 or better
Rectifier technology	: IGBT based
Output Voltage	: 415V \pm 1% three phase +neutral
Output wave form	: Pure sinusoidal wave (THD <3%)
Output frequency	: 50 Hz \pm 1 Hz
Power rating	: 100 KVA x 3 NOs.
Crest Factor	: 3:1
Load power factor	: 0.8 lag to unity
Overload	: 125% for 10 minutes.
Metering	: Output voltage/output current/battery Voltage/battery Current/output frequency.
Supervisory/Indication	: Mains on, Inverter on, Inverter Overload, Battery low, over voltage, under Voltage, Charger on /off .
Operating switches	: Mains on/off, Charger on/off, Battery on/off and bypass switch.
Protections	: Overload/short circuit/overcharge/battery low/inverter over voltage and under Voltage, spike, surge etc.,
Auto Alarm	: Mains failure/low battery/over load
Efficiency	: Better than 92%
Isolation transformer	: Built-in with surge suppressor
Battery	: SMF (branded)
Back up time	: 15 minutes
Safety features	: The system should switch over to UPS mode when one of the three phase voltage is low/high or off.
Installation	: The supplier should be responsible to supply suitable rated input cables, electrical fittings, panel with rated switches, etc, required for installation.
Instrument Warranty	: 3 years comprehensive warranty along with 2 years extended warranty.