



**Uninterrupted Power,
Unmatched Reliability**

SUPREME SERIES

***High Performance
Online UPS***



KEY FEATURES

- ☉ Pure Sine Wave Output
- ☉ Bypass Facility
- ☉ User Configurable Parameter
- ☉ SCR Based Charger
- ☉ Inverter Isolation Transformer

TECHNICAL SPECIFICATIONS

PRODUCT DETAILS												
Product Name	ONLINE UPS											
Models	SUPREME TT											
Ratings	5 KVA	10 KVA	15 KVA	20 KVA	25 KVA	30 KVA	40 KVA	50 KVA	60 KVA	80 KVA	120 KVA	
Operating DC Voltage	324V - 384V			360V - 384V								
No. of Batteries	27 - 32			30 - 32								
MAINS MODE												
No of Phase	3 Phase - 4 Wire R, Y, B, N											
Voltage Range	340V - 480V AC											
Input Power Factor	0.8											
Input THD	Less than 3 %											
Frequency Range	47 - 53 Hz											
INVERTER MODE												
Switching Power Device	IGBT MODULES											
Control	DSP Based PWM											
Output voltage	230V AC +/- 1%											
Phase	1 Phase - 3 wire P, N, E											
Output Waveform	Pure Sine Wave											
Frequency	50 Hz (Free running)											
Changeover Time	Zero second											
Rated Output Power Factor	0.8											
Load Capacity	100 % Continuous											
Overload	110 % for 20 Second, 150% Instant trip											
THD	Less than 2% On linear load and Less than 5% on non linear load											
Transient Response	On 100% step load change output stays within 5% and recovers within half cycle											
Crest Factor	3 : 1											
Switch	UPS START, STOP/RESET											
LCD Display Parameters	Input Voltage, Output Voltage, Output Frequency, Output Current, Battery Voltage, Charging Current											
LED Indication	Mains ON , Charging ON, UPS ON , Low Battery, Overload.											
Alarm	Battery Low, Overload, Charger ON.											
Protection	Overload, Short Circuit, O/V, Mains Surge, U/V and O/V Protection											
Bypass	Manual Bypass, Static Bypass (Optional)											
Operating Temp	0 - 50°C											
Operating Humidity (RH Value)	Less than 95											
Protection Class	IP 20											
Low Cut Off	10.5V/Batt. +/- 2%											
Battery Low Buzzer	10.75V/ Batt. +/- 2%											
Low Cut off Recovery	12V/ Batt. +/- 2%											
Charging Current	10 % of Battery AH											
Communication	RS485 (Optional)											
Dimensions (In mm) (W x D x H)	5 KVA, 10 KVA & 15 KVA: 370 x 725 x 790 20 KVA: 470 x 810 x 900 25 KVA, 30 KVA & 40 KVA: 470 x 1090 x 900 50 KVA, 60 KVA, 80 KVA & 100 KVA: 570 x 1230 x 920											



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