

TECHNICAL DATA SHEET

On-Line UPS with Inbuilt Isolation Transformer

Features

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

Application

- Data Centers & Server Farms
- Industrial Automation
- Telecommunication Networks
- Hospitals & Healthcare
- Banks & Financial Institutions
- Airports & Railways
- Educational Institutions
- Commercial Buildings & IT Parks
- Defence & Government

Power Sure High Performance On-Line UPS with Inbuilt Isolation Transformer



Medikraft is a Narula Group Brand.

On-Line UPS with Inbuilt Isolation Transformer

Technical Specifications

PRODUCT DETAILS	
Product Name	On-Line UPS with Inbuilt Isolation Transformer
Ratings	20KVA
Operating DC Voltage	
MAINS MODE	
No. of Phase	3 Phase - 4 Wire R, Y, B, N
Voltage Range	360V AC
Input Power Factor	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% & recovers within half cycle
Crest Factor	3 : 1, 3:3
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	Less than 95 RH Value
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 (W x D x H)	470 x 810 x 900, 470 x 1090 x 900 mm



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