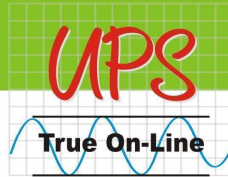


RC ALL-TECH COMPLETE POWER SOLUTIONS

GREEN - UPS

GI-PLMS SERIES 1 kVA - 10 kVA UPS Specifications

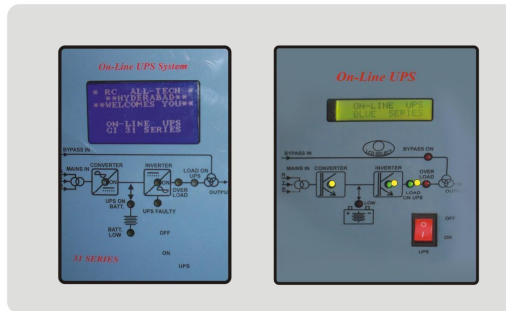


Rating	1, 2, 3, 4, 5, 6, 7.5 and 10 kVA							
INPUT								
Rectifier Design	IGBT Based Active PFC PWM Rectifier							
Nominal Voltage	140 - 290 V AC (140 to 160 25% Load , >160 100% Load,)							
Nominal Frequency	50Hz \pm 10% Range 45Hz to 55 Hz							
Input Power Factor	\geq 0.99							
BATTERY VOLTAGE	kVA	1	2	3	5	6	7.5	10 kVA
	Volt.	36 to 96	96-144	120-240	192-240		240	
OUTPUT	Pure Sine Wave and 0.9 PF							
Inverter Design	IGBT Based PWM with DSP Controlled Double Conversion Technology							
DC - AC Efficiency	85 to 92% (Based on DC Voltage and UPS Rating)							
Voltage / Regulation	230 \pm 0.1% and Transient response of 100% to normal within 5 msec.							
Frequency	50Hz \pm 6% in Synchronous mode, 50Hz \pm 0.1 Hz Free Running Mode							
THD	\leq 2% On - linear load & \leq 5% on Non - linear load							
Crest Factor	3 : 1							
Over Load	100-130% for 10 Mins; 130-150% for 10 Secs; >150% for 100 msecs							
Protections	Battery low/High, O/P low/High, Short Circuit, Built - in Spike, Surge and RFI / EMI Filter							
Indications	Mains, Inverter, UPS ON Battery, Battery Low, Inverter Trip, O/P Overload, Load on UPS, Bypass							
Metering	LCD, Graphics Display - to monitor O/P, I/P & DC Voltage, Load %, Frequency, Battery Health							
Bypass	Manual / Auto (Bi Directional) <10 msecs. transfer to bypass Time.							
Communication	RS - 232 Serial Interface / SNMP (Optional)							
Environment	Noise Level - Less than 60dBA. Temperature - 0-45 deg. C. Humidity - 0-95% non-condensing							
TESTING STANDARDS	IEC 62040 - PART - III							



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GRAPHIC & LCD DISPLAYS



MKT - 05 / C - 10

Tested by SAMEER / ETDC

The Hallmark for Quality,
Innovation & Reliability



To Manage Energy Better

Features

- Double Conversion On-line UPS
- Unity Power Factor
- IGBT PWM Rectifier
- DSP Controlled
- Low Input THD -I
- Pure Sine Wave O/P
- Battery Health Monitoring System
- Inbuilt Galvanic Isolation
- Advance Communication Capabilities
- Compliance to International Standards
- Generator Compatible

GREEN - UPS

GI-PLMS SERIES

1 - 10 kVA UPS

SINGLE PHASE INPUT / OUTPUT



AN ISO 9001-2008
& 14001-2004
Certified Company

RC ALL-TECH
COMPLETE POWER SOLUTIONS

