



AN ISO 9001 - 2015 & CE
CERTIFIED ORGANIZATION



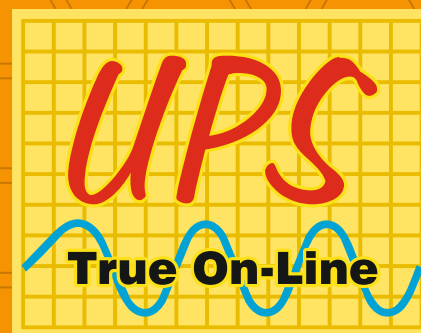
GREEN - UPS

G I - 11 - SERIES
1 - 10 kVA UPS
SINGLE
PHASE INPUT / OUTPUT

G I - 31, 33, SERIES
7.5 - 100 kVA UPS
THREE PHASE INPUT
SINGLE / THREE PHASE OUTPUT

FEATURES

- ◆ Double Conversion On-line Ups
- ◆ Near Unity Power Factor
- ◆ IGBT PWM Rectifier
- ◆ DSP Controlled
- ◆ Low Input THD - I
- ◆ Battery Health Monitoring System
- ◆ Inbuilt Galvanic Isolation
- ◆ Advance Communication Capabilities
- ◆ Compliance to International Standards



GREEN - UPS



G I - 11, 31, 33 SERIES	1 - 10 kVA UPS Specifications	7.5 - 60 kVA UPS Specifications	
Rating	1, 2, 3, 4, 5, 6, 7.5 and 10 kVA	7.5, 10, and 20 kVA	30, 40, 60 kVA
INPUT			
Rectifier Design	IGBT Based Active PFC PWM Rectifier	IGBT Based PWM Rectifier	
Nominal Voltage	140 - 290 V AC (140 to 160 25% Load, >160 100% Load)	415 V AC (-20% to 15%) 3 Ph & N	
Nominal Frequency	50Hz $\pm$ 10%	50Hz $\pm$ 10%	
Input Power Factor	$\geq$ 0.99	$\geq$ 0.90	$\geq$ 0.85
BATTERY	kVA 1 2 3 5 67.5 10kVA	kVA 7.5 10 15 20	
VOLTAGE	Volt. 36 to96 96-240 120-240 192-240 240	Volt. 192-240 240-360 240-360 360	360
OUTPUT			
Inverter Design	IGBT Based PWM with DSP Controlled	IGBT Based PWM with DSP Controlled	
DC - AC Efficiency	85 to 92% (Based on DC Voltage and UPS Rating)	90%	92%
Voltage	230 $\pm$ 0.1%	230 $\pm$ 0.1%	400 $\pm$ 1%
Frequency	50HZ $\pm$ 5% in Synchronous mode, 50Hz $\pm$ 0.1 Hz Free Running Mode	50HZ $\pm$ 0.1%	
THD	$\leq$ 2% On - linear load & $\leq$ 5% on Non - linear load	$\leq$ 2% On - linear load & $\leq$ 5% on Non - linear load	
Crest Factor	3 : 1	3 : 1	
Overload	150% for One Minute, 120% for 10 Minutes	150% for One Minute, 120% for 10 Minutes	
Protections	Battery low/High, O/P low/High, Short Circuit, Built - in Spike, Surge and RFI / EMI Filter	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	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	LCD, Graphics Display - to Monitor O/P, I/P & DC Voltage, Load %, Frequency, Battery Health	
Bypass	Manual / Auto (Bi Directional)	Manual / Auto (Bi Directional)	
Communication	RS - 232 Serial interface / SNMP (Optional)	RS - 232 Serial interface / SNMP (Optional)	
Environment	Noise Level - Less than 60dBA. Temperature - 0.45 deg. C. Humidity - 0-95% non-condensing	Noise Level - Less than 60dBA. Temperature - 0.50 deg. C. Humidity - 0-95% non-condensing	
TESTING STANDARDS	IEC 62042 - PART III	IEC 62042 - PART III	

Mobile : 98490 29439, 99662 39439

Telangana : 5-5-35/73b, Industrial Estate,
Prashanti Nagar, Kukatpally, Hyderabad-500072.
Ph : 040 - 40113373, 23720236, 23720510

Andhra Pradesh : Plot No. 33, Veerapaneni Gudem,
Industrial Park, Near Gannavaram.



DELTEK
POWER LINES PVT. LTD.

Mail : deltekpowerslines@yahoo.co.in / deltekpowerslines@gmail.com
www.deltekpowerslines.co.in