



| Model | GPS-L 06 | GPS-L 08 | GPS-L 12 | GPS-L 15 | GPS-L 20 | GPS-L 25 | GPS-L 30 | GPS-L 40 |
|--------------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|
| KVA | 6 | 8 | 12 | 15 | 20 | 25 | 30 | 40 |
| Capacity (Balanced Load) | 4.8 KW | 6.4 KW | 9.6 KW | 12 KW | 16 KW | 20 KW | 24 KW | 32 KW |
| | 100 % Unbalanced Load* (optional) | | | | | | | |

AC INPUT

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|-----------------|--|
| Input voltage | 415 VAC +15, - 20 % / 230VAC +15, -20% * |
| Input Frequency | 50 Hz +/- 6 % |

DC CHARGER

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|-----------------|--------------------------------|----------|-------------|-----------|------|
| Battery Voltage | 72V-96V | 96V-180V | 144V - 240V | 240V-360V | 360V |
| Rectifier | ATM Tech. Boost and Float mode | | | | |

AC OUTPUT

| | |
|---------------------|---|
| Technology | Mosfet / IGBT Based PWM Inverter using Micro Controller |
| Output voltage | 400 VAC +/- 2 % |
| Output Frequency | 50 Hz +/- 0.5 % |
| Output Power factor | 0.8 to 1 lag |
| Output waveform | PWM Sine wave |
| Phase Displacement | 120° ± 1° |
| Crest Factor | 4 : 1 |
| Galvanic Isolation | Inbuilt Galvanic Isolation Transformer Provided |
| Harmonic Distortion | Less than 3 % on Linear Load |
| Transient Recovery | ± 4 % from 0 to Full load and corrected within 60 msec. |
| Inverter Efficiency | 87 % - 93 % Depending on DC voltages |

INDICATIONS & ALARMS

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|---------------|--|
| Indications | Mimic Display*, Mains on, Inverter On, Battery Low, Over Load, Output Under Voltage, Output Over Voltage, DC Over Voltage, I/p Single Phasing / Phase Reversal |
| Audible Alarm | Intermittent beep for 30 sec. On mains fail. Battery low pre-alarm at 80 % of Battery discharge. Intermittent Beep for all other Trip Conditions |

INDICATIONS & ALARMS

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|--------|---|
| ALARMS | Smart Monitoring & Alerts 📱 Smart Battery Health Analyzer – Displays real-time battery condition (Good / Replace Soon / Fault). 🚨 Predictive Maintenance Alert – Voice & display reminder for AMC service check. ⚡ Overload / Surge Alert Log – Memory log for last 5 fault events., RENUTRON Service Helpline No. 9741952744 / 9071615552 / 9019578587/ 080 31211409 |
|--------|---|

METERING

| | |
|--|---|
| Digital Metering and Fault Indications | Micro controller based Digital Scrolling LCD to Display* - I/P voltage , O/P Voltage, Load Current, Load %, Charging Current, Battery Voltage, % Battery Charge. Fault indications – Mains Off, O/p under voltage / over voltage, Battery Low pre-alarm & Trip, DC Over voltage, Output Overload, I/p under voltage / over voltage, I/p Single Phasing / Phase Reversal |
|--|---|

PROTECTIONS



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|-------------|---|
| Protections | Output Overload (110% -Continuous, 150% - 30 Sec, 300% - 5 seconds), Output short circuit, Battery low trip, DC over voltage, Output under voltage / over voltage, Input under voltage / over voltage, I/p Single Phasing / Phase Reversal, Over Temperature, Input Surge Protection through MOV, Common ELCB at UPS output for multiple Lifts* |
|-------------|---|

ADDITIONAL FEATURES*

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|----------------------------|--|
| Communication | GSM Modem for SMS Alerts to user and service center for any Fault condition, |
| Input Auto Phase Corrector | Built-in Input Auto Phase Correction provided in case of i/p supply Phase Reversal |
| Healthy Phase Selector | For 1 ph Input UPS Healthy Phase Selector in case of Mains Supply Single Phasing |
| Wider Input Range | Input supply range can be extended as per site requirement, helpful in case of Rural or sites with heavy fluctuation of mains supply |

GENERAL

| | | | | |
|--------------------------|--|-------------|--------------|---------------|
| Bypass Facility | Manual (Through Rotary Switch) / Static Bypass Switch (10 - 18 msec C/O time)* | | | |
| Audible Noise | Less Than 60 dB at 1 meter | | | |
| Design ambient | 0-50° C | | | |
| Relative Humidity | Max. 95 % Non-Condensing | | | |
| Enclosure | M.S. Powder coated with castor wheels (Turbo Model without Castor wheels) | | | |
| Dimensions in mm (LxWxH) | 800x420x720 | 990x500x900 | 1000x600x850 | 1200x590x1000 |