|  |  |  |  |
| --- | --- | --- | --- |
| ****MODEL**** | 1KVA(L) plus | 2KVA(L) plus | 3KVA(L) plus |
| ****PHASE**** | Single phase with ground |
| ****CAPACITY**** | 1000VA/800W | 2000VA/1600W | 3000VA/2400W |
| ****INPUT**** |
| Nominal Voltage | 110Vac |
| Voltage Range | 60-138VAC ±5% at 50% load80-138VAC ±5% at 100% load |
| Frequency Range | 40Hz-70Hz(46-54Hz default 50Hz;56-64Hz default 60Hz) |
| Power Factor | ≥0.99@nominal voltage(100% load) |
| THDi% | ≤10% |
| ****OUTPUT**** |
| Output Voltage | 100/110/120/127 VAC) |
| AC Voltage Regulation | ±2% |
| FrequencyRange(Synchronized Range) | 47-53 Hz or 57-63 Hz |
| Frequency Range(Batt.Mode) | 50 Hz±0.1 Hz or 60 Hz±0.1 Hz |
| Current Crest Ratio | 3:1 |
| Harmonic Distortion | THD (Linear Load)≤4%,THD (Non-linear Load)≤7% |
| TransferTime | AC to DC | zero |
| Inverterto Bypass | 4ms (Typical) |
| ECO to Battery Mode | 8ms (Typical),10 ms (max) |
| Waveform | Pure Sinewave |
| ****EFFICIENCY**** |
| Line Mode | ≥89%@battery full charged | ≥91%@battery full charged |
| ECO Mode | ≥96%@battery full charged |
| Battery Mode | ≥86% |
| ****BATTERY**** |
| Battery Type | 12V/7AH |
| Numbers | 3 | 6 | 8 |
| Typical Recharge Time | 5hours recover to 95% capacity for internal battery |
| Charging Current | 1-3KVA   1A1-3KL   4.5A |
| Charging Voltage | 41.25VDC±1% | 82.5VDC±1% | 110VDC±1% |
| ****INDICATORS**** |
| LCD Panel | Load level,Battery level, AC mode,Battery mode,Bypass mode,and Fault indicator |
| ****ALARM**** |
| Battery Mode | beeps every 5 seconds |
| Low Battery | beeps every 2 seconds |
| Overload | Beeps every seconds |
| Fault | Continuously beeps |
| ****PHYSICAL**** |
| Dimension,D\*W\*H(mm) | 350\*144\*230 | 425\*190\*328 | 425\*190\*328 |
| Net Weight(long backup )(kgs) | 6 | 12 | 12 |
| Net weight(w/built-in batteries)(kgs) | 2 | 23 | 28 |
| ****ENVIRONMENT**** |
| Humidity | 20-95%RH@0-40℃(non-condensing) |
| Noise Level | Less than 50dBA @ 1 Meter |
| ****MANAGEMENT**** |
| Smart RS-232 or USB | Support  |
| Optional SNMP | Power management from SNMP manager and web browser |
| ****STANDARD**** |
| EMC/Safety | EMC EN62040-2 C2 for CE models |