|  |  |  |
| --- | --- | --- |
| **MODEL** | | 2KVA(L) plus |
| **PHASE** | | Single phase with ground |
| **CAPACITY** | | 2000VA/1600W |
| **INPUT** | | |
| Nominal Voltage | | 110Vac |
| Voltage Range | | 60-138VAC ±5% at 50% load  80-138VAC ±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% |
| Transfer  Time | AC to DC | zero |
| Inverter  to Bypass | 4ms (Typical) |
| ECO to Battery Mode | 8ms (Typical),10 ms (max) |
| Waveform | | Pure Sinewave |
| **EFFICIENCY** | | |
| Line Mode | | ≥91%@battery full charged |
| ECO Mode | | ≥96%@battery full charged |
| Battery Mode | | ≥86% |
| **BATTERY** | | |
| Battery Type | | 12V/7AH |
| Numbers | | 6 |
| Typical Recharge Time | | 5hours recover to 95% capacity for internal battery |
| Charging Current | | 1-3KVA 1A  1-3KL 4.5A |
| Charging Voltage | | 82.5VDC±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) | | 425\*190\*328 |
| Net Weight(long backup )(kgs) | | 12 |
| Net weight  (w/built-in batteries)(kgs) | | 23 |
| **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 |

Product specifications are subjects to change without further notice