|  |  |  |  |
| --- | --- | --- | --- |
| **Capacity (VA / Watt)** | **1KVA / 625W** | **1.5KVA/938W** | **2KVA / 1250W**  |
| **Mode Type** | **Tower** |
|  Input |  Nominal Voltage | **110/115/120 Vac or 220/230/240Vac** |
|  Voltage Range |  Acceptable Voltage Range | **85Vac ~ 150Vac or 170Vac ~ 300Vac** |
|  Frequency | **45Hz ~ 70Hz Auto-sensing** |
|  Boost Transfer |  **97.8Vac ± 2% ; 195.5Vac ± 2%** |
|  Boost Return | **102.8Vac ± 2% ; 205.5Vac ± 2%** |
|  Buck Transfer | **132Vac ± 2% ; 264.5Vac ± 2%**  |
|  Buck Return | **127Vac ± 2% ; 254.5Vac ± 2%** |
|  Low Voltage Transfer | **85Vac ± 2% ; 170Vac ± 2%** |
|  Low Voltage Return  | **90Vac ± 2% ; 180Vac ± 2%** |
|  High Voltage Transfer | **150Vac ± 2% ; 300Vac ± 2%** |
|  High Voltage Return  |  **145Vac ± 2% ; 290Vac ± 2%**  |
|  Output |  Voltage | **110/115/120Vac or 220/230/240Vac re-settable via LCD panel** |
|  Voltage Regulation |  Line Mode  | **± 15%** |
|  Battery Mode |  **< 3% RMS for entire battery voltage range**  |
|  Frequency Regulation | Line Mode  | **Synchronize to AC Mains** |
| Battery Mode | **50Hz or 60Hz ± 0.1Hz** |
| Power Factor | **0.625** |
|  Wave Form | **Pure Sine wave** |
|  Effeciency  | Line Mode  | **> 98 %** |
| Battery Mode | **> 80%** |
|  Overload Protection | Line Mode  |  **> 110%, then Buzzer Alarm and Amber LED blink continuously.** |
| Battery Mode | **110%~150% for 30 sec, >150% for 200ms, then UPS Shuts Down** |
|  Short Circuit Protection | Line Mode  | **Circuit Breaker** |
| Battery Mode  | **Electronic Circuit**  |
|  DC Start  |  Cold Start  | **Yes** |
| Transfer Time | Typical | **< 4 ms.** |
|  Battery |  Battery Voltage | **24Vdc** | **36Vdc** | **36Vdc** |
|  Battery Type  | **7.2AH** | **7.2AH** | **9AH**  |
|  Battery Quantity  | **2pcs** | **3pcs** | **3pcs** |
| Backup Time  | **> 3 min** |
| Recharging current  | **0.1C ~ 0.3C** |
| Control Panel  |  LCD Display | **UPS status, I/P&O/P Voltage Frequency, Load Level, Battery Voltage & Level, Temperature, Model** |
| LED Display  | **Normal (Green), Warning (Amber), Fault (Red)**  |
|  Audible Alarm | Battery Mode  | **Beeping every 4 seconds** |
| Low Battery | **Beeping every second** |
| UPS Fault | **Beeping Continuously** |
| Overload | **Beeping twice per second** |
|  Communication Interfaces | Standard  | **RS232** |
| Multi-Interfaces Card(Option) | **Various Comb. of RS232,SNMP,USB,Dry Contact,AS400, Modbus. Enable at the same time.** |
|  Environment |  Operation Temperature | **0-40 degree C; 32-104 degree F** |
|  Relative Humidity | **0-95% non-condensing** |
|  Audible Noise | **Less than 55dBA (at 1M)** |
|  Physical |  (WxHxD)mm | **145\*210\*380** | **145\*210\*445** | **145\*210\*445** |
|  Net Weight (Kgs) |  **16.5** |  **17.5** |  **22.5** |
|  NEMA Outlets (110/115/120Vac)  | **4** | **6** |
|  IEC Outlets (220/230/240Vac)  | **3** | **6** |
|  Safety Conformance |  Safety Standard | **EN62040-1-1** |
|  EMC  | **EN62040-2** |
|  Marks  | **CE** |