19 Inch



Online UPS



**Technical Parameter**

BWT-25003KSO ONLINE UPS

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | **Index(VA)** |  | **BWT-25003KSO** |  |
|  |  | Rated Input Voltage（Vdc） |  |  | 48V |  |  |  |  |
| DC INPUT |  | Rated Input Current （A） |  |  | 63A |  |  |  |  |
|  | DC Input Range (Vac) |  | 40-66V |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  | Reflected Noise Current. |  |  | ≤10% |  |  |  |  |
|  |  |  |  |  |  |  |
| AC Bypass |  | Bypass Voltage Range （Vac） |  | 120V-270V(±10V) |  |
| Input | Rated Input Current（A) |  |  | 13.6A |  |  |  |  |
|  |  | Capacity（VA） |  |  | 3KVA |  |  |  |  |
|  |  | Rated output Capacity（W） |  | 2400W |  |  |  |  |
|  |  | Output Voltage and Frequency |  | 220Vac 50Hz/60Hz |  |
|  |  |  |  |  |  |  |  |  |
|  |  | Output Current（A） | 11.0 |  |  |  |  |
|  |  | Voltage Accuracy（V） | 220±1.5% |  |  |  |
|  |  | Frequency Accuracy（Hz） |  | 50±0.1% or 60±0.1% |  |
| AC |  | Waveform |  | Pure Sine Wave |  |
| Output |  | THD |  | （ |  | ） |  |
|  |  |  | ≤3% line load |  |  |  |
|  |  | Dynamic Response Time |  | 5%(（load 0←→100%） |  |
|  |  | Power Factor（PF） | 0.9 |  |  |  |  |
|  |  | Overload Capability | 105%-150% 10s |  |  | >150% 5s |  |
|  |  |  |  |  |  |  |  |  |  |
|  | Inverter efficiency（80% line load） |  |  | ≥93% |  |  |  |  |
|  |  | Line mode←→ Batt mode |  |  | 0ms |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  | Line/Batt mode ←→ Bypass（ms） |  |  | ≤4ms |  |  |  |  |
|  |  | Dielectric Strength（Input & |  |  |  | ， | 1minutes |  |
|  |  | Output) |  | 1500Vac-10mA |  |
| working |  | No Load Power Consumption |  |  | ≤67W |  |  |  |  |
| environ |  | Ambient Temp. |  | 0℃~+55℃ |  |  |  |
| ment |  |  |  |  |  |  |
|  | Humidity |  | 0~90%,No condensation |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  | Altitude（m） |  |  | ≤2000 |  |  |  |  |
|  |  | Charging current |  | Default: 10A, max: 60A |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Charging |  | Floating Charging Voltage |  |  | 54Vdc |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| Mode |  | Overcharge Protection |  |  | 66Vdc |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  | Charging Algorithm |  |  | 3 step |  |  |  |  |
|  |  |  |  |  |  |
|  |  | Reserved © Shenzhen Bwitt Power Co.ltd .Without Notice Once Technical Have Been Change |  |
|  |  | **Web:** [www.bwitt.com.cn](http://www.bwitt.com.cn/)**Tel:** 86-15307200395 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | LCD Display |  | Input/output Voltage、Frequency、Output Current、Temp.、 |  |
| Indicate |  | Capacity Rate .etc |  |
|  |  |  |
| Inverter Status |  | Off Grid Status、Inverter Status、Batter Under&Over Vol、 |  |
|  |  |  |
|  |  | Output Over load |  |
|  |  |  |  |
| Dimension | （ | ） | 420\*438\*130.8mm |  |
| s | 19”Rack mount D×W×H |  |  |
| mm |  |  |  |
| Weight | Net weight(kg) |  | 15 |  |
|  |  |  |  |  |
|  | Protection |  | Input under Voltage、Input over Voltage,Output Over load、 |  |
|  |  | Short circuit |  |
|  |  |  |  |
|  |  |  |  |  |

**Function And Feature**

* True sine wave output (T.H.D < 3%);
* Configurable input voltage range for home appliances and personal computers via LCD setting
* Configurable battery charging current based on applications via LCD setting
* Auto restart while AC is recovering
* RS232 and RS485, SNMP Optional communication Port;
* Smart battery charger design for optimized battery performance
* Cold start function
* Zero-transfer Time

**Product Display**



Reserved © Shenzhen Bwitt Power Co.ltd .Without Notice Once Technical Have Been Change

**Web:** [www.bwitt.com.cn](http://www.bwitt.com.cn/)**Tel:** 86-15307200395