# HT11 Series Tower Online UPS
## 1-3kVA (220V/230V/240V)

HT11 series is online double-conversion UPS with full DSP control technology. With high input and output power factor, self-adjusting output frequency and network management, HT11 is a perfect choice for computers, telecommunication equipments and other sensitive devices.



## Application

IDC(Internet Data Center),network,servers and workstations, control system, communication system, office,PC etc

## Features

• Wide range of input voltage while input PF>97%

• Output PF of 0.9 , more powerful load capability

• Full protection of overvoltage, circuit short and over temperature

• LCD/LED display, monitoring all the operation status

• Auto fan speed adjustment

• In-built output transformer for TX branch

## Specification

| | | HT1101S | HT1101L | HT1102S | HT1102L | HT1103S | HT1103L |
|---|---|---|---|---|---|---|---|
| MODEL | I | HT1101S -TX | HT1101L -TX | HT1102S -TX | HT1102L -TX | HT1103S -TX | HT1103L-TX |
| | II | HT1101S-II | HT1101L-II | HT1102S-II | HT1102L-II | HT1103S-II | HT1103L-II |
| Capacity | | 1kVA | | 2kVA | | 3kVA | |
| Phase | | Single Phase in, Single Phase out | | | | | |
| Input voltage | | 110Vac-288Vac | | | | | |
| | | 100% load@>176Vac; 80% load@>154Vac; 70% load@>132Vac; 50% load@>110Vac | | | | | |
| Input PF | | ≥0.97 | | | | | |
| Input frequency | | 40Hz ~ 70Hz | | | | | |
| Output PF | I | 0.9 (0.8 for TX branch) | | | | | |
| | II | 0.8 | | | | | |
| Output voltage | | 220V/230V/240V | | | | | |
| Voltage regulation | | ± 1 % (±5% for TX branch) | | | | | |
| THDu | | ≤2%(linear ) | | | | | |
| | | ≤5.5%(non-linear ) | | ≤5%(non-linear ) | | ≤5%(non-linear ) | |
| Crest factor | | 3:1 | | | | | |
| Efficiency | | 87.0% (80% for TX branch) | | 91.0% (81% for TX branch) | | 90.0% (81% for TX branch) | |
| Noise | | <43dB@<70%Load, <47dB@>70%Load | | <45dB@<70%Load, <50dB@>70%Load | | <45dB@<70%Load, <50dB@>70%Load | |
| Overload capability | Inverter | 105% ~ 130%: to bypass after 1 min; 150%: to bypass after 30 sec | | | | | |
| | Battery | 105% ~ 130%:shut down after 10 sec; 150%:shut down after 5 sec | | | | | |
| Battery voltage | I | 36Vdc | | 72Vdc | | 96Vdc | |
| | II | 24Vdc | | 48Vdc | | 72Vdc | |
| Battery type/numbe | I | 12V,7Ah*3 | External | 12V,7Ah*6 | External | 12V,7Ah*8 | External |
| | II | 12V,7Ah*2 | External | 12V,7Ah*4 | External | 12V,7Ah*6 | External |
| Max charging current | | 1A | 8A | 1A | 8A | 1A | 8A |
| Interface | | RS232,EPO | | | | | |
| Optional | | USB(B Type),SNMP, Dry contact | | | | | |
| W*D*H(mm) | I | 144*353*222 144*353*438 | | 190*375*336 190*427*570 | | 190*427*336 190*427*570 | |
| | II | 144*353*222 | | 190*374*336 | | 190*374*336 | |
| Weight(kg) | I | 10.5 25 | 5 20 | 21 45 | 8.5 34 | 24.5 55 | 9.5 40 |
| | II | 10 | 6 | 17 | 11 | 22 | 12 |