

HT11 Series Online UPS

Power rating: 1KVA~3KVA

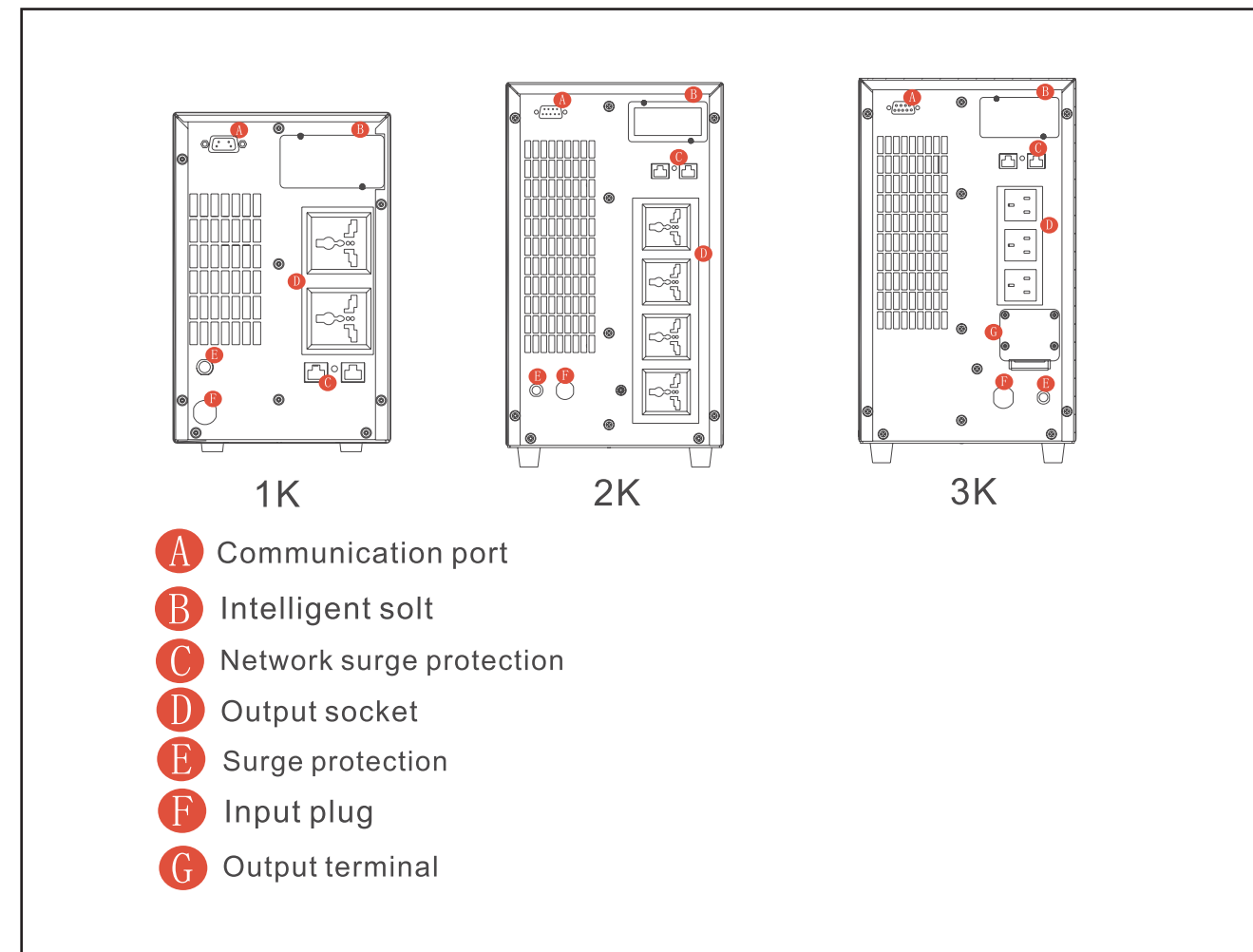
1:1 phase



Features:

- Wide input voltage range.
- Cold start.
- Advanced battery management.
- Automatic battery charging on/off mode.
- Lighting and surge protection.
- Automatic fan speed adjustment .
- Complete protection function.
- Network/fax/modem surge protection.
- LCD/LED display option.
- EMI/RFI noise filter.
- Smart RS232 port with monitoring software.
- PFC technology.

Rear Panel



Specifications

Model	HT1101S	HT1101L	HT1102S	HT1102L	HT1103S	HT1103L
Main Input						
Cold Start	YES, default frequency=50Hz or settable					
Acceptable Input Voltage	110VAC~288VAC					
	100% load@>176VAC					
	80% load@>154VAC					
	70% load@>132VAC					
	50% load@>110VAC					
Phase	Single phase in, single phase out					
Transfer Voltage Range						
(200VAC/208VAC/220VAC/230VAC/240VAC)						
-Line low transfer	110VAC					
-Line low recovery	121VAC					
-Line high transfer	288VAC					
-Line high recovery	281VAC					
Input Current						
Rating(nominal input voltage)	4.8A		9.6A		14.4A	
Input Power Factor	≥0.98					
Input Frequency Range	40~70Hz					
Output						
Frequency adaptable	Settable					
Power						
-Power(kVA) max	1		2		3	
-Power(kW) max	0.9		1.8		2.7	
Output Voltage						
-Waveform	Pure sine wave					
-Nominal voltage	200/208/220/230/240VAC					
-Voltage regulation	± 1 %					
-Transient response	≤5% (50% - 100% -50%)					
-Transient recovery	≤15ms (0% - 100% -0%)					
-Voltage distortion	≤2% THD, linear load ≤ 7% THD, non-linear load					
Output Frequency						
-Synchronization range	±5Hz default					
-Slew rate	0.5~5Hz/s, 2 Hz/s default					
-Battery mode	(50±0.1) Hz					
Transfer Time						
-Line mode to battery mode	0					
-Inverter to bypass	2ms					
Efficiency						
-Line mode with battery full charged	86.0%		88.0%		88.0%	
-ECO mode	98.0%		98.0%		98.0%	
-Battery mode	84.0%		86.0%		86.0%	
Noise(1m away)	<43dB@<40%load,<48dB@>40%load		<45dB@<40%load,<50dB@>40%load		<45dB@<40%load,<50dB@>40%load	
Overload Capability(Inverter)						
105%~130%: Transfer to bypass after 1 min, 150%: Transfer to bypass after 30s						
Overload Capability(Battery Mode)						
105%~130%:shutdown after 30s 150%:shutdown after 5s						
Overload Capability (Bypass Mode)						
<130%: Long time >130%&<150%:Shutdown after 10mins >150%&<180%:Shutdown after 5s						
Crest Ratio	3:1					
BATTERY						
Rating/Type	12VDC/7Ah	Depend on the capacity of external batteries	12VDC/7Ah	Depend on the capacity of external batteries	12VDC/7Ah	Depend on the capacity of external batteries
Quantity	3		6		8	
DC Voltage	36VDC		72VDC		96VDC	
Back-up Time	4mins @80% load	Depend on the capacity of external batteries	4mins @80% load	Depend on the capacity of external batteries	3~4mins @80% load	Depend on the capacity of external batteries
Battery-Low Voltage	33VAC~35VDC depending on load		66VDC~70VDC depending on load		88VDC~94VDC depending on load	
Charger						
-Charging voltage	41VDC		82VDC		110VDC	
-Charging current (max)	1A	8A	1A	8A	1A	8A
-Charging time	7h recharge to 90%	Depend on the capacity of external batteries	7h recharge to 90%	Depend on the capacity of external batteries	7h recharge to 90%	Depend on the capacity of external batteries
Leakage current	<1mA		<1mA		<1mA	
INDICATOR & ALARM						
-Display	LED+LCD					
-Alarm	two short one long					
-Fault	Continuous beeping					
INTERFACE						
-Smart RS232	Standard Cable support INVT Power Monitor Software					
-SNMP(option)	Power Management from SNMP Manager and Web Browser					
OPTION						
-Intelligent Kits	plugged type,DB9					
-Intelligent Kits(with EPO)	non-plugged type,DB9					
-SNMP Kits	plugged type					
-SNMP Card	non-plugged type					
MECHANICAL						
-WxDxH (mm)	144*353*222		190*374*336		190*426*336	
Color	Black default					