PQMax
New dimensions in power quality

HT11 Series Tower Online UPS
6-20kVA (220V/230V/240V)

Ht11 series, ranging from 6kVA to 20kVA, is double conversion online UPS with fully DSP controlled technology. The single phase UPS applies the advanced 3-level technology, achieving a efficiency up to 95%. With its compact design of high power density (kW=kVA), HT11 series make it ideal choice for computers, telecommunication equipment and other sensitive devices.





Application

IDC(Internet Data Center),network,servers and workstations,office etc

Features

- High efficiency, up to 95%
- kVA=kW, Output PF=1
- 3 level of technology, compatible with complicated load
- Battery number can be set on LCD
- Intelligent charging management, effectively improving the life time of battery
- Smaller size with higher power density
- Parallel up to 4 units
- 12A charger for option, charging for large capacity batteries

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Specification

MODEL	HT1106XS	HT1106XL	HT1110XS	HT1110XL	HT1115XL	HT1120XL
Capacity	6kVA/6kW	6kVA/6kW	10kVA/10kW	10kVA/10kW	15kVA/15kW	20kVA/20kW
Phase	Single phase in , Single phase out					
Input voltage range	110Vac~288Vac					
	100% load@ > 176Vac; 90% load@ > 160Vac 80% load@ > 140Vac; 60% load@ > 110Vac					
Input THDi	≤4%@100% load; ≤6%@50% load (linear load)					
Input PF	≥0.99					
Input frequency range	40Hz-70Hz					
Output PF	1					
Output voltage	220V/230V/240V					
Voltage regulation	±1%					
THDu	≤2%(linear) ; ≤5% (non-linear)				≤1%(linear) ; ≤3% (non-linear)	
Battery voltage	192Vdc					
Battery type/number	12V,7Ah*16	External	12V,9Ah*16	External	External	
System efficiency	Normal mode: 95%					
Noise(1 meter away)	<48dB@<70%load; <58dB@>70%load				<50dB@<70%load; <58dB@>70%load	
Overload capability (Inverter mode)	110%:for 10 min ;125%:for 1min ; 150%:for 30 sec					
Overload capability (Battery mode)	110%: shut down after 1 min; 130%:shut down after 10 sec; >130%: shut down after 200 ms					
Crest factor	3:1					
Display	LED+LCD					
Interface	Standard:RS232 Optional: SNMP, USB, RS485,Dry Contacts,Parallel Kit					
W*D*H (mm)	190*426*705	190*426*336	190*485*705	190*485*336	190*485*480	
Package Weight (kg)	56	14	60	16	33	

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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
- Reliable and stable pure sine wave output

PQMax
New dimensions in power quality

Specification

MODEL		HT1101S	HT1101L	HT1102S	HT1102L	HT1103S	HT1103L
	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					
	II	0.8					
Output voltage		220V/230V/240V					
Voltage regulation		± 1 %					
THDu		≤2%(linear)					
		≤5.5%(non-linear)		≤5%(non-linear)		≤5%(non-linear)	
Crest factor		3:1					
Efficiency		87.0%		91.0%		90.0%	
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		190*375*336		190*427*336	
	II	144*353*222		190*374*336		190*374*336	
Weight(kg)	I	10.5	5	21	8.5	24.5	9.5
	II	10	6	17	11	22	12