IPC Mühendislik Elektrik Elektronik San. ve Tic. Ltd. Şti.

HT11 Series Tower Online UPS 6-10kVA (220V/230V/240V)



HT11series, ranging from 6KVA to 10KVA, 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.

FEATURES

•High efficiency, up to 95% kVA=kW, Output PF=1

•3 level of technology, compatible with complicated load

•Self-aging function

•Intelligent digital charging management, maximum charger current up to 12A

•Smaller size with higher power density Parallel up to 8 units

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TECHNICAL SPECIFICATIONS

MODEL	HT1106XS	HT1106XL	HT1110XS	HT1110XL
INPUT				
Cold Start	YES Default output frequency will be 50Hz or settable			
Acceptable Input Voltage	110VAC~288VAC			
	100% load@>176VAC			
	90% load@>154VAC			
	75% load@>132VAC			
	50% load@>110VAC			
Phase	Single phase in,single phase out			
Transfer Voltage Range	200VAC/208VAC(0.9), 220VAC/230VAC/240VAC(1)			
-Line low transfer	110VAC			
-Line low recovery	121VAC			
-Line high transfer	288VAC			
-Line high recovery	281VAC			
Input Current				
-Rating(nominal input voltage)	30A/220V	34A/220V	49A/220V	53A/220V
Input Power Factor	≥0.99			
Input current distortion	<4%			
Input Frequency Range	40~70Hz			
OUTPUT				
Frequency adaptable	Settable			
Power				
-Power	6KVA		10KVA	
-Power(kW)	6KW		10KW	
Output Voltage				
-Waveform(Bat. Mode)	Pure Sine Wave			
-Nominal voltage	220VAC/230VAC/240VAC, 200VAC/208VAC(PF=0.9)			
-Voltage regulation	± 1 %			
-Voltage distortion	≤1% THD, linear load			
	≤ 5% THD, non linear load			
Output Frequency				
-Synchronization range	±5Hz default, settable			
-Battery mode	(50±0.1) Hz default			
Transfer Time				
-Line mode to battery mode	0ms			
-Inverter to bypass	0ms			
Efficiency				
-Line mode with battery full charged	94%@100% load, 94.5%@60% load		94.6%@100% load, 95%@60% load	
-ECO mode	99.0%			
Noise(1m away)	<58dB			
Overload Capability(Inverter)	105% to 110% : Transfer to bypass after 10 mins.			
	111% to 125% : Transfer to bypass after 1 mins.			
	126% to 150%: Transfer to bypass after 30s			
Overload Capability (Bypass Mode)	less than 125%: long time running			
	126% to 130% :Shutdown in 5 mins			
	131% to 150% :Shutdown in 1 mins			
	> 150% :Shutdown in 200 ms			

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Crest Ratio	3:1			
BATTERY				
Rating/Type	12VDC/7Ah	Depend on the capacity of external batteries	12VDC/9Ah	Depend on the capacity of external batteries
Quantity	16PCS default, 20PCS settable	16-24PCS settable	16PCS default, 20PCS settable	16-24PCS settable
DC Voltage	192VDC default, settable			
Back-up Time	3mins @5kW	Depend on the capacity of external batteries	2mins @8kW	Depend on the capacity of external batteries
Charger				
-Charging current (max)	1A, settable	5A max,settable	1A,settable	5A max,settable
-Float Charging Voltage	2.25V/cell default, setttable via software			
-Boost Charging Voltage	2.25V/cell default, setttable via software			
-Charging time	8h recharge to 90%	Depend on the capacity of external batteries	8h recharge to 90%	Depend on the capacity of external batteries
Leakage current	<3mA			
Indicator & Alarm				
-Display	LED+LCD			
Inteface				
-Smart RS232	Standard Cable support INVT Power Monitor Software			
-EPO	NC			
-RS485(option)	Installed in the intelligent slot			
-SNMP(option)	Power Managment from SNMP Manager and Web Browser			
Option				
-Intelligent Kits	DB9 port, dry contact			
-parallel	4 units paralleled			
-Super charger (12A)	digitally controlled, 4-steps charge, settable			
-USB	B-type USB port			
-SNMP Kits	Pluggable type			
Mechanical				
-W╳D╳H (mm)	190*426*705	190*426*336	190*485*705	190*485*336
-Net Weight (KG)	56	14	60	16
-Package Weight (KG)	60	16	65	18
-Rack / Tower	Tower			
Color				
FUNCTION	Compatible with half wave load Main input breaker Bypass input breaker ECO mode Battery cabinet Self aging Digital Charger Remained Battery Capacity			

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