



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

## HT31 Series Tower Online UPS 10-40kVA (220V/230V/240V)



HT31series are online double-conversion UPS with full DSP control technology. With high input and output power factor.

### FEATURES

- Wide range of input voltage and high input power factor
- Output PF of 0.9
- Full protection of over voltage, circuit short and over temperature
- Network / fax / modem surge protection
- LCD display, monitoring all the operation status
- Auto fan speed adjustment
- Abundant interface : RS232, USB, SNMP, Intelligent Card



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## TECHNICAL SPECIFICATIONS

MODEL	HT3110S HT3110L	HT3115L	HT3120L	HT3140L
Capacity	10kVA	15kVA	20kVA	40kVA
Phase	Three phase in Single phase out			
Input Voltage Range	50%-125%(220VAC/230VAC/240VAC) 100% load@80%-125%; 90% load@70%-80% 80% load@60%-70%; 65% load@50%-60%			
Input PF	≥0.95			0.99
Input Frequency Range	40Hz-70Hz			
Output PF	0.9			0.8
Output Voltage	220V/230V/240V			
Voltage Regulation	±1%			
THDu	≤1% (full linear load ); ≤5%(none-linear load)			
Battery Voltage	192VDC			±240VDC
Battery Type/number	12V,9Ah*16 External	External	External	External
System Efficiency	Normal :93.5%; ECO :98%; Battery:92%			Normal:95%; ECO:98%; Battery:95%
Noise(1 meter away )	<53dB@<70%load;66dB@>70%load			65dB @ 100% load, 62dB @ 45% load
Overload Capability (Inverter mode)	110%:for 10 min ;130%:for 1min ; 150%:for 30 sec (shut down the bypass after 1 min)			125% Long run; 125-130% for 10mins; 130-150% for 1min
Overload Capability (Battery mode)	110%: Shutdown after 10mins; 125%:Shutdown after 10s; >125%: Shutdown after 1s			125% Long run; 125-130% for 10mins; 130-150% for 1mins
Crest Ratio	3:1			
Display	LED+LCD			
Interface	Standard:RS232,EPO Optional: USB, SNMP, Dry contact(Programmable)			Standard: RS232, RS485, USB, Dry Contact Optional: SNMP,AS/400, parallel kit, battery cold start
W*D*H ( mm)	250*562*770 250*562*650	250*562*650	250*562*710	600*980*950
Net Weight(kg)	69	27	34	170