

UPS Online Double Conversion Transformer Based - Singel Phase Series HT3000T (6 ~ 10 KVA)

Specifications



- Online Double Conversion, transformer base technology with stable and uninterrupted power and complete sine waveform linear and non-linear loads at maximum load consumption
- Output Power factor of 0.8 & Input power factor 0.99 and Active Power Factor Correction (Apfc)
- Select current charging : 2A / 4A / 6A / 8A / 10A / 12A
- Overload capacity up to 105% ~ 125% for 10 min, 125% ~ 150% for 1 min ,150%~200% for 200 ms, UP to 200%for 100 ms
- Wide input frequency range for operation with variety of generators in the range of 40 to 70 Hz and proper stabilization of the output frequency of 50 Hz with a telorance of 0.1
- LCD display to show input and output voltage, load, frequency, inside temperature of the device,battery charge load
- Protection: short circuits, high and low voltages, overload, reverse connection of batteries and High charge, etc.
- Connecting to Parallel card
- Communication with PC by RS232 (standard), USB / RS485 / SNMP / Dry Call (optional)
- Adjusting the output voltage ,EOD, automatic start, bypass mode and adjusting the frequency and ECO MODE through the LCD display panel
- Adjusting the output frequency at 50 and 60 Hz and having Auto frequency Sensing
- Cold Start and automatic start-up after connecting the city electricity and having settable delay
- DSP (digital signal processors)control technology Effective software and hardware protection
- Shut down automatically in emergency time (EPO)

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MODEL		HT 3030T	HT 3100T
POWER	VA	6000	10000
	W	4800000	8000
INPUT	Rated voltage	220 / 230 / 240 V	
	Voltage range	165 ~ 275 V	
	Rated frequency	50 Hz/ 60 Hz	
	Frequency range	40 ~ 70 Hz	
	Bypass voltage range	± 25 V	
OUTPUT	Rated voltage	220 / 230 / 240 V (settable)	
	Voltage precision	±1%	
	Frequency	50/60 ± 0.1 Hz in battery mode	
	Rated frequency	50 Hz/ 60 Hz (settable)	
	Power factor	0.8	
	Crest factor	3:1	
	THDV	≤ 2% (linear load) ≤ 5% (non-linear load)	
	Waveform	Sinusoidal	
	Overload	105% ~ 125% for 10 min , 125% ~ 150% for 1 min , 150%~200% for 200 ms , 200%for 100 ms	
BATTERIES	Dc voltage	192 VDC	
	Charging current	Default 8A (2A ~ 12A selectable)	
	Number of battery	12V x 16 pcs	
	Charging voltage	216 VDC	
	EOD	168 VDC	
SYSTEM	Protections	Short circuit , Overload, Overvoltage , Undervoltage ,Low battery , Over temperature	
	Communications	RS232 / USB (standard) RS485 / SNMP / dry contacts (optional)	
OTHERS	Operaring temperature	0°C~ 40°C	
	Relative humidity	0~95% (non-condensing)	
	Altitude	≤1000m (derating 1% for each additional 100 m)	
	IP rating	IP 20	
	Noise level (1m)	< 60 dB	
	Transfer time	0 ms	
PHYSICAL	Dimensions (W x D x H) (mm)	215 x 580 x 600	315 x 600 x 900
	Packaged dimensions (WxDxH) (mm)	330 x 720 x 800	435 x 700 x 1100
	Net weight (kg)	55	105
	Gross werghi (kg)	65	115