TSC Series

6–20kVA Single phase Tower UPS



Power range

6~20kVA

Operation

1P/1P, online double conversion

Applications

Government, Finance, IT, Education, Transportation, Broadcasting, Medical, Energy, etc.

Characteristics

- Intelligent battery management.
- 3-level topology, high performance and efficiency.
- Online double conversion, full digital control.
- Output PF=1,high load adaptability.
- Wide range of input voltage tolerance.
- Adapt to half-wave load.
- Auto fault waveform recording.
- Self-aging function to save test energy

Model		TSC006B	TSC006L	TSC010B	TSC010L	TSC015L	TSC020L
Rate Power		6kVA/6kW	6kVA/6kW	10kVA/10kW	10kVA/10kW	15kVA/15kW	20kVA/20kW
Cold start		Default output 50/60Hz					
Input voltage range		110~288 VAC (220/230/240 VAC); 176 VAC ~288 VAC , full load;176~110 VAC , power derate from 100% to 50%					
Input power factor		≥0.99					
Frequency range		40-70Hz					
Output frequency		50/60Hz, self adaption					
Output power factor		1					
Rate output		220/230/240 VAC					
Load regulation		±1%					
Output THDu		≤1%THD, linear load; ≤5%THD, non-linear load					
Transfer time-main to BAT		0ms					
Transfer time-INV to BYP		0ms					
Efficiency-normal mode		Up to 95%					
Efficiency-ECO mode		98%					
Noise (1 meter)		58dB				62dB	
Overload (normal mode)		110%:10mins;125%:1min;150%: 30 seconds					
Battery	Model	12 VDC /7Ah	External, 16-24 settable	12 VDC /9Ah	External, 16-24 settable	External, 16-24 settable	
	Quantity	16-20PCS		16-20PCS			
	Max charging	1A	5A	1A	5A	5A	
	Rate voltage	Default 192 VDC , settable					
Crest		3:1					
Display		LED+LCD					
Standard		RS232, EPO, RS485					
Option		AS400, SNMP card, Parallel kit, Maintenance bypass kit, 12A charger, Air filter					
Dimension, W*D*H (mm)		190*605*550	190*605*338	190*605*550	190*605*338	190*564*500	
Weight (kg)		56	14	60	16	30	