TSC Series

10–20kVA 3/1 phase Tower UPS



Power range

10~20kVA

Operation

1P/1P,3P/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		TSC10L	TSC15L	TS020L
Rate Power		10kVA	15kVA	20kVA
Cold start		Default output 50/60Hz		
Input voltage range		190~499 VAC (L-L)		
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%, Linear load ; ≤3%,non-linear load according to IEC62040-3		
Transfer time-INV to BYP		0ms		
Efficiency- normal mode		Up to 95%		
Efficiency- ECO mode		98%		
Noise (1 meter)		<55dB	<62dB	<62dB
Overload (normal mode)		110%: 10mins; 125%: 1min; 150%: 30 seconds		
Battery	Model	External batteries, 16-24 settable		
	Quantity			
	Max charging	5A		
	Rate voltage	Default 192 VDC , settable		
Crest factor		3:1		
Standard		RS232, RS485, EPO		
Option		AS400, SNMP card, Parallel kit, USB, 12A charger, Air filter, Single Input kit, Maintenance bypass kit		
Dimension, (W*D*H)mm		190*564*500		
Weight (kg)		30		