Tescom

TSC Series

6–10kVA single phase Rack UPS



Power range

6~10kVA

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 10kW in 2U, high power density.

Model		TSC006BR	TSC006LR	TSC010BR	TSC010LR
Rate Power		6kVA/6kW	6kVA/6kW	10kVA/10kW	10kVA/10kW
Cold start		Default output 50/60Hz			
Input voltage range		110～288 VAC ；100% load@>176 VAC ；90% load@>154 VAC ；75% load@>132 VAC ；50% load@>110 VAC			
Input power factor		≥0.99			
Frequency range		40-70Hz			
Output power factor		1.0			
Output	Rate voltage	220/230/240 VAC ,200/208 VAC (PF=0.9)			
	Load response	≤5% (0% - 100% -0%)			
	Recovery time	≤40ms (0% - 100% -0%)			
	THDu	≤1%, linear load ;≤ 5% , non-linear load according to IEC62040-3			
Transfer time-Main to Battery		0ms			
Transfer time-INV to BYP		0ms			
Crest factor		3:1			
Battery type		12 VDC /7Ah	External battery	12 VDC /9Ah	External battery
Battery Number		16PCS	16-24 PCS settable	16PCS	16-24 PCS settable
Battery voltage		Default 192 VDC , settable			
Max charging		1A	5A	1A	5A
Efficiency –normal mode		Up to 95%			
Noise (1 meter)		<58dB			
Overload	Normal mode	105%~110%: 10mins,111%~125%: 1 min,126%~150%: 30 seconds			
	ECO mode	<125%: long time,126%~130%:5mins,131%~150%:1min,>150% :200ms			
Communication		RS232, EPO, RS485			
Option		AS400, USB, SNMP card, 12A charger, Parallel kit, Air filter			
Dimension W*D*H(mm)		440*660*172	440*580*86	440*660*172	440*580*86
Weight(kg)		62.5	16	63	18