Tescom

TSC-Li Series

1–3kVA online Rack UPS



Power range

1~3kVA

Operation

1P/1P, online double conversion

Applications

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

Characteristics

- High efficiency up to 95.5%.
- Output PF=1, high load adaptability.
- Wide input voltage range of 110~300 VAC .
- Max charging current up to 12A.

Model		TSC001BR-Li	TSC001LR-Li	TSC002BR-Li	TSC002LR-Li	TSC003BR-Li	TSC003LR-Li
Rate Power		1kVA/1kW	1kVA/1kW	2kVA/2kW	2kVA/2kW	3kVA/3kW	3kVA/3kW
Cold start		Default output 50/60Hz					
Input voltage range		110~300 VAC ;100% load@176 VAC ~276 VAC , 100%~50% power derating@110 VAC ~176 VAC , 50% load@276 VAC ~300					
Input power factor		≥0.99					
Frequency range		50/60±5Hz(default), ±3Hz(settable)					
Output power factor		1.0					
Output	Rate voltage	208 VAC /220 VAC /230 VAC /240 VAC					
	Load response	≤5% (0% - 100% -0% step load)					
	Recovery time	≤40ms (0% - 100% -0% step load)					
	Output THDu	≤2% , Linear load ; ≤ 5% non-linear load according to IEC62040-3					
	Socket(option)	IEC, Schuko, NEMA, South Africa, UK					
Transfer time	Main to BAT	0					
	INV to BYP	4ms					
Efficiency (normal mode)		Up to 95.0%		Up to 95.5%			
Noise (1 meter)		45dB@>70% load or >6A charge		50dB@>70% load or >6A charge		50dB@>70% load or >6A charge	
Overload	Normal	102%~110%: 30mins, 110%~125%:10mins, 125%~150%: 30 seconds					
	Battery mode	102%~110%: 1min, 110%~125%: 10 seconds, 125%~150%:5 seconds					
	Bypass mode	<130%: long time, 130%~150%:10mins, 150%~180%:5 seconds					
Battery	Model	12.8 VDC /9Ah	50Ah/100Ah	12.8 VDC /9Ah	50Ah/100Ah	12.8 VDC /9Ah	50Ah/100Ah
	Quantity	2/3	Depend on external battery	4/6	Depend on external battery	6	Depend on external battery
	Max charging	1-4A (optional)	1-12A (optional)	1-4A (optional)	1-12A (optional)	1-4A (optional)	1-12A (optional)
	Rate voltage	25.6 VDC /38.4 VDC		51.2 VDC /76.8 VDC		76.8 VDC /102.4 VDC	
Standard		EPO, RS232					
Option		SNMP card, AS400, USB, RS485, Air filter					
Dimension, W*D*H(mm)		440*440*86		440*580*86		440*580*86	
Weight (kg)		16.5/19	9.5	22.6/27.5	9.7	28	10