

# Off-grid Power Supply

TESSM-10-40/20-40



Integrated, high protection grade structure design



Emergency stop protection alarm feedback function



Flexible capacity-and load increase, supporting parallel use with multiple sets



AC/DC charging interface, intelligent speed fast charging interface



Assembled transportation convenient installation



Intelligent human-computer interaction design with cloud technology support



Model	TESSM-10-40	TESSM-20-40
AC grid-connected parameter		
Rated Power	10KW	20KW
Input Type	Three-phase five-wire system	
Input voltage	380Vac ± 15%	
Rated current	16A	32A
Frequency range	50/60Hz ± 5Hz	
AC off-grid parameter		
Rated Power	10kW	20kW
Output Type	Three-phase four-wire system	
Rated Voltage	380Vac ± 15%	
Rated current	16A	32A
Voltage Accuracy	≤1%	
Output Frequency	50/60Hz ± 5Hz	
Battery end parameters		
Battery capacity	43.2kWh	
Battery Type	Lithium iron phosphate	
Rated Voltage	192V	
Voltage range	168V-219V	
Basic Features		
Peak efficiency	91.0%	
Protection Features	voltage, over current, over/under temperature, islanding, SOC too high/low, low insulation impedance, short circuit, etc.	
Operating Temperature	0°C~45°C	
Cooling method	Natural cooling	
Relative humidity	≤90%RH, non-condensing	
Altitude	4000 m (over 2000 m, it will operate in derating)	
IP Protection Grade	IP54	
Communication mode	Ethernets RS485,4G	
Dimensions (L x W x H)	1460mm × 840mm × 825mm	
Weight	660kg	