

TSUN STORAGE BATTERY



TSOL-B100E-S

Highlights

IP65 design, suitable for outdoor environment.	Wall-mounted design, small space occupation.
Suitable for Ground-Mounted, Suitable for different installation environments.	Suitable for TSUN hybrid Inverter with high stability.
5kWh battery capacity to meet customer needs.	Comply with TUV CE UN38.3 certification.



Technical Data

Model	TSOL-B100E-S
Electrical Characteristics	
Total Energy Capacity[Wh]	5120
Usable Capacity [Wh]	4600
Rated Voltage [V]	51.2
Voltage range [V]	42~58.4
Depth Of Discharge[DOD]	≤90%
Cycle Life	≥4000
Max.Charge Current [A]	60
Max.Discharge Current [A]	60
Physical Parameters	
Battery Type	LFP
Communication	CAN
Operating Temperature Range	0°C~45°C
Cooling Method	Natural Convection
Ambient Humidity	0-95% Non-condensing
Ingress Protection	IP65
Dimensions[H*W*D][mm]	410*650*186
Weight [kg]	44
Standard Warranty [Year]	5(Battery 4000 Cycle)
Applicable Standard	UN38.3 IEC62619



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