

Sunflower Series

125kW/ 261kWh

Liquid-cooled ESS

125kW/ 261kWh



Inverter Data

Battery Type	Lithium-ion
Battery Voltage Range	300 - 950 V
Max. charge / discharge current	100 A × 2 / 100 A × 2
Number of battery ports	2
Max. charge / discharge current of each port	100 A
Communication	CAN / RS485

PV String Input Data

Recommended max. PV array size	250 kW
Max. usable PV input power	250 kW
Max. input voltage	1000 V
Rated voltage	600 V
Start-up voltage	180 V
MPPT voltage range	150 - 950 V
Max. input current	10 × 42 A
Max. short circuit current	10 × 60 A
MPPT number / Max. input strings number	10 / 20

Other Inverter Datas

Rated grid voltage	3/N/PE, 220 V / 380 V; 3/N/PE, 230 V / 400 V
Rated input voltage	3/N/PE, 220 V / 380 V; 3/N/PE, 230 V / 400 V
Output AC (Back-up)	125 kW
Cooling conceptt	Intelligent redundant fan-cooling

Battery Data		ESS 261kWh Liquid-cooled
Model		WD-ECF260S
Battery Parameters		
Battery Type		LiFePO ₄
Cell Specifications		3.2V/314Ah
Max Charge & Discharge Rate		0.5C
Configuration		1P260S
Nominal Energy		261.248kWh
Rated Voltage		832VDC
Voltage Range		728~949VDC
Cooling-down Method		Liquid cooling
Cycle Life		6000Cycles@80%SOH (25°C±2°C, 1P)
System Parameter		
Temperature Range		-20 ~ 55°C
Humidity		≤95%RH(no condensation)
Height		≤2000m
IP Rating		IP54
Fire Extinguisher System		Aerosol fire extinguishing device
CI		Ethernet/RS485
Corrosion Protection Grade		C4
Product Dimensions (W×D×H)		1055×1300×2300mm
Package Dimensions (W×D×H)		1130×1400×2510mm
Weight		2620KG



WhatsApp



Wechat