ALL IN ONE Monet-50TS(DC50)(100kWh) AIR-COOLED ESS CABINET

The system has been commercialized, integrating energy storage batteries, energy storage converters, photovoltaic converters, energy management monitoring systems, power distribution systems, environmental control systems, and fire control systems. It can fully control the operation status and risks of the system.

Model	Monet-50TS(DC50)(100kWh)
Battery Rated Capacity	100kWh
Battery Rated Voltage	844.8V
Battery Voltage Range	739.2V~950.4V
Battery Type	Lithium Iron Phosphate battery (LFP)
Battery Cell Capacity	120Ah
Series of Battery	1P*24S*11S
Maximum Charge and Discharge Current	60A
Photovoltaic Rated Capacity	50kW
Photovoltaic Voltage Range	200-550V
Rated AC Power	50kW
Rated AC Current	72A
Rated AC Voltage	400V, 3W+N+PE/3W+PE
Rated AC Frequency	50/60Hz
THDI	< 3% (Rated power)
Power Factor	-1Leading to+1 lagging
THDU	< 3% (Linear Load)
Degree of Protection	IP54
Isolation Mode	Industrial Transformer Isolation
Shutdown Self-discharge	< 100W (Without transformer)
Display	LCD
Relative Humidity	0 ~ 95% (no condensation)
Noise	< 78dB
Ambient Temperature	-25℃ to +60℃(with derating at temperatures above 45℃)
Cooling Mode	Intelligent air-cooled
Altitude	3000m (> 3000m reduction)
Communication Interface	CAN/Ethernet / 485
Size (W * D * H)	1300*1030*2100mm
Weight (approx.)	2150kg

• Model Description

Monet– 50 T S (DC50) (100kWh)

- Battery rated capacity
- DC rated power
- S stands for STS, and N/A means missing
- With isolation transformer
- AC rated power
- Series name