ALL IN ONE Monet-100TS (DC100) (215kWh) AIR-COOLED ESS CABINET

Real-time acquisition of local load power, photovoltaic power generation priority is self-generation and self-use, and surplus electricity storage; When the power generated by photovoltaic power generation is insufficient to provide local load, the battery storage is prioritized.

The protection level is IP54, which can perfectly cope with various types of weather in the outdoor environment.

Model	Monet-100TS (DC100) (215kWh)
Battery Rated Capacity	215kWh
Battery Rated Voltage	768V
Battery Voltage Range	672V~864V
Battery Type	Lithium iron phosphate battery (LFP)
Battery Cell Capacity	280Ah
Series of Battery	1P*20S*12S
Maximum Charge and Discharge Current	140A
Photovoltaic Rated Capacity	100kW
Photovoltaic Voltage Range	200~450V
Rated AC Power	100kW
Rated AC Current	144A
Rated AC Voltage	400V, 3W+N+PE/3W+PE
Rated AC Frequency	50/60Hz
THDI	< 3% (Rated power)
Power Factor	-1 Leading 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)	1800*1200*2300mm
Weight (approx.)	3100kg

• Model Description

Monet– 100 T S (DC100) (215kWh)

- (215kWh): Battery rated capacity
- (DC100): DC rated power
- S: S stands for STS, and N/A means missing
- T: With isolation transformer
- 100: AC rated power
- Monet: Series name