20FT ALL IN ONE Alice-500TS(DC500)(1075kWh) AIR-COOLED ESS CONTAINER

Diverse Functions: It supports peak shaving and valley filling, demand-side response, backup power supply, and other major functions; it enables remote updates of operational strategies and firmware upgrades, resulting in lower operation and maintenance costs.

High Integration: The system is productized, integrating energy storage batteries, PCS(Power Conversion System), power distribution, temperature control, fire protection, water immersion door sensors, and monitoring communication, providing comprehensive control over the system's operational status and risks.

Model	Monet-(DC500)
Photovoltaic(PV) Port	
PV Voltage Range	250~500V (MPPT)
Max.PV Input Current	10*160A
MPPT Quantity	1/5/10
Battery Port	
Battery Voltage Range	600~950V
DC Side Bus Power	500kW
Number of DC Side Inputs	1

Model	Alice- (1075kWh)
Battery Parameters	
Battery Rated Capacity	215kWh*5
Battery Rated Voltage	768V
Battery Voltage Range	672~864V
Series of Battery	5P*20S*12S
Adaptive Battery	LFP
Cell Capacity	280Ah
General Parameters	
Degree of Protection	IP55
Ambient Temperature	-25°C to +60°C (derating above 45°C)
Relative Humidity	0 ~ 95% (no condensation)
Fire Extinguishing System	Perfluorohexane/heptafluoropropane pipeline fire extinguishing system
Battery Compartment Cooling Method	Air Conditioning
Electrical Compartment Cooling Method	Intelligent Air Cooling
Altitude	3000m (> 2000m reduction)
Communication Interface	RS485 / CAN
Dimensions (W * D * H)	6058*2438*2591mm
Weight (approx.)	12t

• Model Description

Alice– 500 T S (DC500) (1075kWh)

- (1075kWh): Rated Battery Capacity
- (DC500): DC rated power
- S: S stands for STS
- T: With isolation transformer
- 500: AC rated power
- Alice–: Series name