

STAR T-285/306

Up to 4MWh Max Capacity



Standardized Design

20 ft Standard Container
5 ~ 10 Racks Option
Supports 1-4 Hour Applications

Ultimate Safety

Quadruple Fire Protection
Precision Fire Alarm Position
24/7 DC Insulation Monitoring

Intelligent Power Management

EMS Ensures System Safety
Cloud Platform Monitors Status

Outstanding Performance

RTE \geq 93%
AC Available Capacity \geq 94%

Smart Liquid Cooling

Auto-refill Coolant
Temperature Difference \leq 4°C

LFP Battery

285Ah Cycle Life \geq 9,000
306Ah Cycle Life \geq 10,000





PRODUCT MODEL	STAR T-285	STAR T-306
BATTERY SPECIFICATIONS		
Battery Type	LFP	
Battery Model	285Ah	306Ah
Max. Energy Capacity	3793kWh	4073kWh
Energy Capacity	379.3kWh×N (5≤N≤10)	407.3kWh×N (5≤N≤10)
Voltage Range	1164.8 ~ 1497.6Vdc	
Max. Charging&Discharging Power	3793kW	2000kW
P-rate	1P	0.5P
Cooling Method	Liquid Cooling	
Ingress Protection	IP55	
System Dimensions (W×D×H)	6058 ×2438×2896mm	
Weight	≈35T	
DC Channel	2/N	1/2/N
Certifications	UN 38.3, UN 3536, UL 1973, UL 9540A, IEC 62619, IEC 61000-6-2/-4, IEC 62477-1, IEC 62933-5-2, IEC 63056, IEC 60730-1	
GENERAL SPECIFICATIONS		
Operating Temperature Range	-25 ~ 55 °C (>45°C derating)	
Relative Humidity Range	0 ~ 95% (No Condensation)	
Max. Working Altitude	4000m (>2000m derating)	
Fire Safety Equipment	Heat detectors, Aerosol, Smoke detectors, Flammable gas detector, Exhausting system, Dry pipe (optional)	

*If there are any changes in product size and parameters, please refer to the latest information.