TAITEN 20-ft Energy Storage Battery Cabinet 6.9 MWh



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S664H202



TAITEN 6.9 MWh Energy Storage System:
Rapid Delivery · Higher Returns · Proven Reliability · Full-Chain Safety

【Rapid Delivery】

- Leading the world in large-cell technology — first to announce, first to mass-produce, and first to deploy.
- Streamlined integration increases system energy density by 21% and lowers LCOE.

【Higher Returns】

- Flexible layout supports dual-cabinet parallel installation, saving 8 % of land area.
- Modular design enables easy maintenance, reducing upkeep costs by 30 %.
- Top-mounted liquid cooling ensures efficient heat dissipation, noise ≤ 67 dB, and environmental friendliness.

【Proven Reliability】

- Precision temperature control maintains ΔT ≤ 2 °C within the pack; distributed dehumidification prevents condensation.
- BMS with active balancing manages cell voltage difference, boosting available system discharge capacity.
- Cell safety is ensured by high-speed stacking process and a high-safety composite separator.

【Full-Chain Safety】

- Electrical safety: full-range fault protection and a multi-level voltage fusing mechanism.
- Fire safety: dual-protection combining active early warning with passive fire containment.

Product Name	TAITEN 20-ft Energy Storage Battery Cabinet 6.9 MWh
Model	**S664H202**
Cell	
Model	LF648K
Rated Capacity	648 Ah
Dimensions(W × H × D)	352.2 × 206.7 × 71.7 mm
Weight	11500 ± 300 g
Energy Density	180 Wh/kg
Rated Voltage	3.2 V
Voltage Range	2.5 V ~ 3.65 V
Operating Temperature (Charge)	0 ℃ ~ 60 ℃
Operating Temperature (Discharge)	-30 ℃ ~ 60 ℃
Module	
Model	P264H202
Rated Capacity	648 Ah
External Dimensions (W × H × D)	1535 × 258.7 ×2225.5 mm
Weight	1500 ± 30 kg
Configuration	1P104S
Rated Energy	215.6 kWh
Rated Voltage	332.8 V
Voltage Range	291.2 V ~ 374.4 V
Standard Charge/Discharge Rate	0.5 P
Max. Charge/Discharge Rate	0.5 P
Operating Temperature (Charge)	0 ℃ ~ 55 ℃
Operating Temperature (Discharge)	-30 ℃ ~ 55 ℃
IP Rating	IP67
Thermal Management	Liquid cooling / heating
System	
Model	S664H202
Rated Energy	6900 kWh
External Dimensions (W × H × D)	6860 × 3420× 2438 mm
Weight	Approx. 60 metric tons
Rated Voltage	1331.2 V
Voltage Range	1164.8 V ~ 1497.6 V
Standard Charge/Discharge Rate	0.5 P
Operating Temperature	-30 ℃ ~ 55 ℃
IP Rating	IP55
Corrosion Protection Rating	C5M
Thermal Management	Liquid cooling / heating

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