

STORION T30



Model	Storion-T30
System Specification	
Nominal Output Power	30 kW
Max. AC Input Power	30 kW
Capacity Range	28.7 ~ 68.8 kWh (90% DoD)
Battery Chemistry	LFP (LiFePO4)
IP Protection	IP21
System Cabinet Dimension (W x D x H)	1180 x 700 x 1500 mm
System Cabinet Weight	170 kg
Warranty	3 Year Product Warranty, 10 Year Performance Warranty
Inverter Technical Specification	
Max. AC Input Current	43.3 A
Nominal AC Input Voltage	400 V
Battery Voltage Range	200 ~ 750 V
Max. Charging/Discharging Current	90 A
Max. Charging/Discharging Power	30 kW
Phase	Three-Phase
Rated Voltage	400 V
Grid Voltage Range	340 ~ 460 V
Rated Frequency	50 / 60 Hz
Dimension (W x D x H)	440 x 550 x 173 mm
Weight	43 kg
Grid Regulation	VDE 4105-AR-N, G99
Safety	IEC 62477-1, IEC 60240-1-1
EMC	EN 61000-6-2, EN 61000-6-4
Battery Technical Specification	
Module Model	M48112-S
Module Capacity	5.7 kWh
Module Nominal Voltage	51.2 V
Operating Temperature Range	-10 °C ~ 50 °C*
Module Weight	65 kg
Module Dimension (W x D x H)	450 x 580 x 165 mm
Cycle Life	≥ 6000
Max. Charging/Discharging Current	112 A (1C)
High Voltage Control Box Technical Specification	
BMU Model	HV900112
DC Voltage Range	200 ~ 900 V
Nominal Output Current	112 A
Battery Modules Connection	5 ~ 12 M48112-S in series

*When the temperature is below 0 °C or above 40 °C, the performance will be limited.



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