

• YOUR
• SMART
• ENERGY



CESS-210S

OUTDOOR BATTERY CABINET

CAPACITY ▼

56.4 ~ 96.8 kWh
expandable to MWhs



Easy Transportation

Modular Design

Easy Installation

Long Lifespan



CESS-210S



Model	CESS-210S
System Specification	
Capacity Range	56.4 ~ 96.8 kWh (90% DoD)
Usable Capacity Range	50.8 ~ 87.1 kWh
Battery Chemistry	LFP (LiFePO4)
Battery Voltage	252 ~ 516 V
IP Protection	IP55 (outdoor)
Dimensions (W x H x D)	1200 x 2193 x 900 mm
Weight	480 kg
Operating Temperature Range	-10 °C ~ 50 °C
Humidity Range	0 ~ 95% (non-condensing)
Altitude Range	0 ~ 2000 m
Cooling Mode	2 kW air conditioner
Warranty	3 Year Product Warranty, 10 Year Performance Warranty
EMC	EN 61000-6-2, EN 61000-6-4
Battery Technical Specification	
Module Model	M38210-S
Module Weight	62 kg
Module Dimension (W x D x H)	326 x 560 x 222 mm
Max. Charging/Discharging Current	105 A (0.5C)
Module Capacity	8.1 kWh
Module Nominal Voltage	38.4 V
Cycle Life	≥ 6000
Operating Temperature Range	-10 °C ~ 50 °C*
High Voltage Control Box Technical Specification	
BMU Model	HV900105 (TOP BMU required with more than one cluster)
DC Voltage Range	200 ~ 900 V
Nominal Output Current	105 A
Battery Modules Connection	7~12 M38210-S in series in one cluster
Clusters Connection	Max. 20 clusters in parallel

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



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