

SS214

Low Voltage Cabinets



Guarantee on Product
Material & Workmanship



Energy Output
Warranty

Our SS214 lithium iron phosphate battery system boasts a modular design. You can easily scale its capacity by connecting multiple units in parallel, making it ideal for various applications and enable you to use from 14,3kWh to 457,0kWh setup.

Features

- High energy density**
- Unmatched Reliability & Low Maintenance**
- Field Replaceable Modular Components**
- Stable discharge platform**
- Long life cycle**
- No pollution**
- Pre-commissioned & Tested**
- Scalable Design**
- Engineered & Tested For Harsh Environments**
- Advanced Battery Management**
- Excellent Safety**
- High charge & discharge rate**

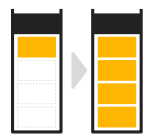
Applications

- Off-Grid
- Hybrid Inverter
- Grid Tied
- Charger Systems
- Residential UPS Systems
- Commercial UPS Systems
- Low Voltage Battery Inverter



SS214	
Cell Chemistry	Lithium Iron Phosphate (LiFePO4)
Cell Manufacturer	CATL
Rated Capacity	14,3kWh
Nominal Power @0.7C	10,0kW
Nominal Voltage	51,2V
Operational Voltage	44,8 - 55,6Vdc
Communication	CANBUS / RS485
Number of battery modules	1
Weight per module	118kg
Dimensions (W x D x H)	675mm x 185mm x 605mm

Variations



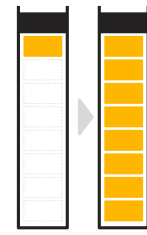
CB35

1 - 4x SS214 modules.



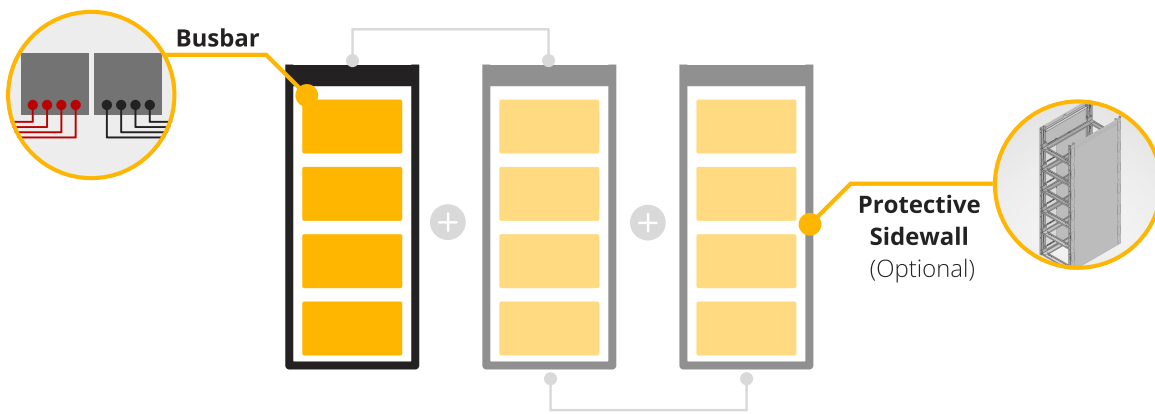
CB36

1 - 5x SS214 modules.

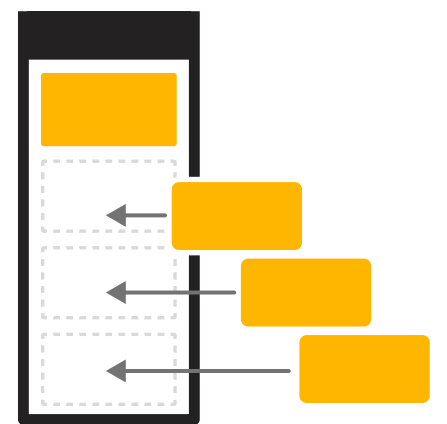


CB39

1 - 8x SS214 modules.



Capacity can be increased through a parallel connection of the batteries.



Increase capacity by adding on more modules when you need

Operational Temperature
-10°C to 50°C

Storage Duration
6 months @25°C

Cycle Life
≥6000

Charging Efficiency
99%

Safety Standard Compliance
CE / EN 55016 / IEC 61000

Cell Certificate
IEC 62619 / UN38.3 / UN3480 / UL 1642 / UL 1973



	CB35	CB36	CB39
Cell chemistry	Lithium Iron Phosphate (LiFePO4)	Lithium Iron Phosphate (LiFePO4)	Lithium Iron Phosphate (LiFePO4)
Cell manufacturer	CATL	CATL	CATL
Rated capacity	57,2kWh	71,5kWh	114,4kWh
Nominal Power (@0.7C)	40,0kW	50,0kW	80,0kW
Nominal Voltage	51,2V	51,2V	51,2V
Operational Voltage	44,8 - 55,6Vdc	44,8 - 55,6Vdc	44,8 - 55,6Vdc
Communication	CANBUS / RS485	CANBUS / RS485	CANBUS / RS485
Number of battery modules	1 - 4x SS214 Modules	1 - 5x SS214 Modules	1 - 8x SS214 Modules
Weight per cabinet	470kg	580kg	950kg
Dimensions (W x D x H)	436mm x 707mm x 1300mm	436mm x 707mm x 1565mm	436mm x 707mm x 2260mm

Contact Us



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