



BC003A-100kW/215kWh

## **Multiple Benefits:**

- •Support virtual power plant, demand side response,
- •Adapt to the actual environment and pursue higher benefits.

## Flexible Configuration:

- •Use Saas architecture, rapid deployment,
- •Convenient installation, convenient later maintenance.

### **Efficient Operation:**

- •Cloud + terminal architecture,
- •It can realize local deployment of a single station,
- •It can also realize the cloud management of the station group.

#### Multi-service Scenes:

- •Flexible for photovoltaic, energy storage, charging pile, light storage,
- •Various service scenarios such as optical storage and charging integration.

# **Technical spcifications**

Model         100kW/215kWh           Thermal Management         Air-cooling (industrial air conditioner)           ► AC Output           Wire System         3L+N+PE           Voltage Range         320Vac~440Vac           Rated Voltage         400Vac           Rated Current         144A           Rated Frequency         50Hz           Power Factor         0.99(leading)~0.99(lagging)           THD         Full-load output power ≤ 3% @ 50%~100%           Isolation Transformer         Yes           ► Battery Cluster         Yoltage Range           Voltage Range         672Vdc864Vdc           Rated Current         140A           Voltage Accuracy         ≤± 2% (20%~100% @rated output)           ► PV Module         200Vdc~850Vdc           Max. PV Input Power         50kW*2           No. of MPPT         2           ► Working Conditions         OperationTemperature
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OperationTemperature -20°C~55°C
20 000
Humidity 5%RH-70% RH
Ingress Protection IP54
Altitude <2000m
Atmospheric Pressure 79KPa~106kPa
► Product Safety and Reliability
Dielectric Strength Insulation resistance ≥ 20M Ω, 1500Vdc
WithstandVoltage Leakage current ≤ 5mA, 3100Vdc
Fire Suppression System Aerosol fire suppression system
► Dimensions and Weight
Dimensions 1900mm*1511mm*2366mm (W*D*H)
Net Weight 2.8T