

Battery Pack C&I

CE51100-R-H



Product Features

- Longer life cycles
- Higher power density
- Max. 1C discharge current
- Higher usable energy ratio, less self-consumption
- Contains no toxic heavy metal or caustic materials

Technical Data

Model	CE51100-R-H
Cell Capacity (Ah)	100
Norminal Voltage (V)	51.2
Nominal Energy (Wh)	5,120
Usable Energy (Wh)	4,608
Operation Voltage Range (V)	40-58.4
Standard Charge Current (A)	50
Standard Discharge Current (A)	50
Max. Charge Current (A)	50
Max. Discharge Current (A)	100
Temperature Range	Charge Temperature: 0-55°C Discharge Temperature: 20-55°C
Operation Humidity	20-80%RH
Protection Degree	IP20
Dimension (mm)	416W×520D×177H
Net Weight (kg)	53.5±5
Certification	CE, UN38.3

Battery Rack

Connection Series	1P16S×10
Norminal Voltage (V)	512.0
Nominal Energy (kWh)	51.2
Usable Energy (kWh)	46.1
Operation Voltage Range (V)	416-576@(0-55°C)
Standard Charge Current (A)	50
Standard Discharge Current (A)	50
Max. Charge Current (A)	50
Max. Discharge Current (A)	100
Dimension (mm)	510W×540D×2200H
Approximate Weight (kg)	630
Life Cycles	6,000 cycles@80% DOD
Waranty	5 years