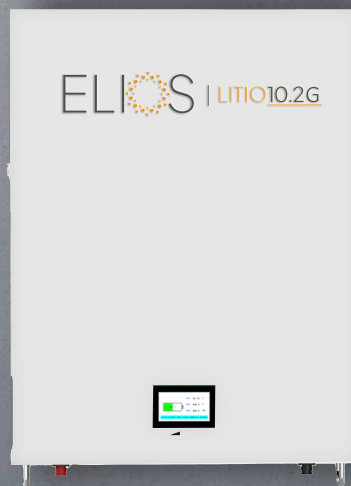


ELIOS | LITIO10.2G



51.2V 200Ah

UL1973

CEC



✓ Long life and safety

Vertical industry integration ensures more than 6500 cycles with 80% DoD.
Safe Lithium iron phosphate battery cell.

✓ Intelligent

Each battery with independent BMS system manages power output smartly and effectively.

✓ Modularization

Modular design gives the end customers the power of choice of capacity Deliver up to 163KW with single max module (10.24KWh) at 16pcs parallel connection.

✓ Easy to install and use

Just plug and play to minimize the installation time and cost. Compact and fashionable design fits in your sweet home environment.

✓ Compatibility

Compatible with most of the available Hybrid inverters.

✓ Safety Cert

UL1973, CE-EMC, UN38.3, MSDS

Battery Specifications

Model No

LITIO 10.2G

Nominal Parameters

Battery Chemistry

LiFePO4

Voltage

51.2V

Operating Voltage

46-56V

Capacity

200Ah

Energy

10.24Kwh

Scalability

Max.16pcs in parallel (162kWh)

Usable Energy

9.22Kwh

Charge/Discharge
Current

Recommend

100A

Max.

150A

Peak(2mins,25°C)

200A

Basic Parameters

Recommend Depth of Discharge

90%

Dimension (W/H/D)

780*550*200mm / 30.7*21.6*7.8 in

Weight Approximate

102.5kgs / 225 lbs

Master LED Indicator

4 LED (SOC:25%~100%)

2 LED (working, alarming, protecting)

IP Rating of Enclosur

IP20

Working Temperature

Charge:0°C ~ 55°C Discharge:-20°C ~ 55°C

Storage Temperature

0°C ~ 35°C

Humidity

5%~95%

Altitude

≤2000m

Cycle Life
(25±2°C,0.5C/0.5C,80%EOL)

≥6500

Installation

Wallmounted

Communication Port

CAN2.0, RS485

Warranty Period [3]

10 years (Limited)

Life Cycle Power During Warranty Period

44.84MWh@80% EOL

Certification

UL1973, CE-EMC, UN38.3, MSDS