

Low Voltage | Floor-mounted | Battery

Isuna G6 Series
16 kWh



Product Features



Intelligent BMS Management

Equipped with precise monitoring and active balancing to ensure stable operation throughout the whole service life.



IP66 High Protection Grade

Reach IP66 dustproof and waterproof rating with strong environmental adaptability, suitable for indoor and outdoor installation scenarios.



Ultra-long Cycle Life

Achieve over 7000 charge-discharge cycles under rated working conditions.



Original CATL Cells

Adopt CATL LFP cells with automotive-grade quality, setting industry benchmarks in consistency and stability.



Deep Discharge Design

Supports up to 95% DOD deep discharge, greatly improving energy storage capacity utilization.

SINEXCEL

isuna

Model Name	Isuna 16.07-314-LF-G6
Operation Voltage	44.8 ~ 57.6Vdc(rated 51.2Vdc)
Battery Type	LFP
Nominal Energy	16kWh
Rated Capacity	314Ah
Depth Of Discharge	0- 95%
Cell Specification	3.2V/314Ah
Continue Charge Current	140A
Continue Discharge Current	190A
Max. Charging Current	157A
Max. Discharge Current	200A
Communication Method	CAN
Storage Temperature	-20°C ~ 60°C (40%SOC、 0 ~ 25°C for a long time)
Storage Humidity	≤ 85% RH (Relative Humidity)
Operating Temperature	-15°C ~ 30°C
Cooling Method	Natural cooling
Operating Humidity	≤ 95% RH (Relative Humidity), non-condensing
Operating Altitude	≤ 2000m
IP Rating	IP 66
Protection Level	I
Weight	102 kg
Dimensions (W*H*D)	525 mm * 935 mm * 297 mm
Design Life	15 years (at 25°C; ambient temperature)
Cycle Life	> 7000 cycles (70%SOH@25°C)
Certification Standard	CE,IEC62619,IEC/EN 61000-6-1/3,UN38.3