ALTILIUM LIO3

Our stackable low voltage battery storage is designed to fit any size premises and protect your home from power outages. Connected to the hybrid inverters of the SOLARIS INV2 series, it can store energy from the grid, generator and solar modules and take over the energy supply in critical situations.

KEY FEATURES

-Scaleability

Stack together up to 5 battery modules to increase your system capacity

- Functionality

Choose between different work modes, such as self-powered, time-based and backup

- Accessability

Monitor your battery status, solar supply rates and energy consumption on our mobile app

BATTERY

ALTILIUM

5kWh-25kWh

	LIO3/5
Nominal Capacity	100Ah@0.2C,25℃
Nominal Voltage	51.2V
Rated Charge Voltage	56.4V
Max.Continuous Charge Current	100A@25℃
Discharge Cut-off Voltage	43.2V
Max Continuous Discharge Current	100A@25℃
Temperature Range of charge	0℃-60℃
Temperature Range of Discharge	-20℃-60℃
Allowed Humidity Range	⩽95% RH approx
Weight	45kg
Dimension-W*H*D(Exclude mounting ear and hanger)	445*133.5*450mm
IP	IP 20

INVERTER

	INV2
Efficiency	97.3%
Max.efficiency(PV to AC)	
Input(PV)	9kw
Max input power	70V-520V
MPPT voltage range	15A/15A
Max Input current (input A/input B)	
Battery system	lithium batteries/Lead-acid batteries
Compatible battery types	48V
Rated battery voltage	120A/120A
Max. charge/discharge current	
Grid output	5kW
Rated AC output power	220Vac/150Vac - 300Vac (Adjustable)
Grid voltage range	25A
Max. AC output current	
EPS output	5kW
Rated output power	21.7A
Rated output current	230Vac
Rated output voltage	
System parameter	RS485,WIFI,LAN (Oprional) ,CAN,DRM
Communication	515*450*175mm
Dimension(W*H*D)	27kg
Weight	VDE-AR-N4105,IEC 61727/62116,AS 4777.2
Certification	EN 50549-1 (Grid Certification) IEC62109-1&2,IEC62040-1 IEC62477-1 (Security Certification)

SOLARIS

CONFIGURATION

INV2+LIO3/5*1
5.12kWh
1 Days

INV2+LIO3/5*2
10.24kWh
2 Days

INV2+LIO3/5*3
15.36kWh
3 Days

INV2+LIO3/5*4
20.48kWh
4 Days

INV2+LIO3/5*5
25.6kWh
5 Days

APPLICATION