



ALTILIUM LIO2

Our wall mounted low voltage battery storage is the perfect solution to protect your home from power outages. Connected to the SOLARIS INV2 series hybrid inverter, it can accumulate energy from the grid, generator and solar modules and take over the supply in critical situations.

KEY FEATURES

- Scalability

Connect together up to 4 battery storages to increase your system capacity

- Functionality

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

- Accessibility

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

BATTERY

ALTILIUM



	LIO2/5	LIO2/14
Battery Type	LiFePO4	
Nominal Battery Energy (kWh)	5.12	14.33
Nominal Capacity (Ah)	100	280
Nominal Voltage(Vdc)	51.2	
Working Voltage(Vdc)	44.8-57.6	
Rated Charge Voltage/@25°C(Vdc)	57.6	
Charge Current/Max.Continuous (A)	100	200
Discharge Cut-off Voltage/@25°C (Vdc)	43.2	
Discharge Current/Max.Continuous(A)	100	200
Depth of Discharge (%)	90	
Working Temperature/Charge(°C)	0~55	
Working Temperature/Discharge(°C)	-20~60	
Dimension/W*H*D (mm)	410*666*179.5	500*800*250
Net Weight (kg)	54.0	128.5
Protection Level	IP65	
Expansion	Up to 4 units in parallel	
Color	White/Silver/Red/Blue	
Communication	CAN/RS-485	
Cooling Mode	Natural	
Calendar Life	>6000,80%DOD@25°C	
Design Life	15+ Years (25°C/°F)	
Installation Method	Wall-mounted/Floor-Mounted	
Humidity	5%~95%(RH) No Condensation	
Altitude(m)	<2000	
Alarms	Overcharge/Overdischarge/Overtemperature/ Overcurrent Short Circuit etc.	
Compatible Inverters	Deye/Goodwe/Growatt/Senergy/lnvt/Megarevo etc.	
Certification & Safety Standard	UN38.3/IEC62619,EN61000 undergoing	

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 (Optional) ,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+LIO2/5*1
5.12kWh
1 Days

INV2+LIO2/5*2
10.24kWh
2 Days

INV2+LIO2/14*1
14.33kWh
3 Days



INV2+LIO2/5*4
20.48kWh
4 Days

INV2+LIO2/14*2
28.66kWh
5 Days



INV2+LIO2/14*3
42.99kWh
8 Days

INV2+LIO2/14*4
57.32kWh
11 Days

APPLICATION

