

Enero Lite Plus

16 kWh, 51.2V/314Ah Residential ESS



- Safe LFP battery, reliable and durable
- Flexibility and configurability (up to 16 units in parallel)
- High accuracy BMS
- Easy installation with wheels
- Standard LCD display screen (real-time status, inverter connection selection)
- Cycle life over 8,000 times

Ready for Applications

- Residential energy storage system
- Off-grid energy storage
- Micro-grid applications
- UPS power supply

Key Parameters

Items	Specifications	Conditions
Model	51-314-V1 (LFP)	
Nominal Capacity (Ah)	314	Discharging from 58.4V @ 0.5C to 43.2V
Nominal Energy (Wh)	16.07	Discharging from 58.4V @ 0.2C to 43.2V
Charge Voltage (V)	58.4	
Standard Charging Current (A)	62.8	
Max. Continuous Charging Current (A)	200	
Discharge Voltage (V)	43.2	
Standard Discharge Current (A)	62.8	
Max. Continuous Discharging Current (A)	200	
Operating Temp. (°C)	0 ~ 55	
	-20 ~ 55	
Cycle Life	≥ 8000	Charging / Discharging @ 0.5C 70% Capacity
Impedance (mohm)	< 30	
Weight (kg)	~ 128	
Protection Level	IP 20	
Connection Mode	Support up to 8 in parallel connection	
Communication	CAN/RS485	
Dimension (L/D/H, mm)	635/260/742	