

YOUR
SMART
ENERGY



SMILE-G3-BAT-9.6S

RESIDENTIAL SERIES

CAPACITY

9.6 kWh Module



ALPHALINX TECH

Combining Series & Parallel Advantages

Dynamic Balancing Maximizes Usable Capacity

Comprehensive Safety Protection

Intelligent Fault Bypass for Continuous Operation

Flexible Expansion

Self-Heating Module Integrated

BATTERY SMILE-G3-BAT-9.6S



Model	SMILE-G3-BAT-9.6S
Physical Parameters	
Battery Type	LFP (LiFePO ₄)
Installation Method	Floor / Base Installation (Optional)
Dimension (W x D x H)	610 x 212 x 630 mm
Weight	81 kg
IP Protection	IP65
Warranty	10 Year Battery Performance Warranty
Electrical Parameters	
Rated Energy	9.6 kWh
Depth of Discharge (DoD)	95 %
Nominal Voltage	96 V
Operating Voltage Range	90 ~ 105.6 V
Operating Parameters	
Max. Charging Current	52.5 A
Max. Discharging Current	52.5 A
Operating Temperature Range	-20°C ~ 50°C (Charge / Discharge)
Noise	≤ 35 dB
Safety	Aerosol, Pressure relief
Relative Humidity	0 ~ 95% (No Condensation)
BMS	
Module Compatibility	G3-S3.6 / S5 / B5(1~4), G3-T4 / 5 / 6 / 8 / 10(1~6,8,10,12), G3-T15 / 20(2~6,8,10,12)
Rated Capacity (1 ~ 12 in series)	9.3 / 18.6 / 27.9 / 37.2 / 46.5 / 55.8 / 77.4 / 93 / 111.6 kWh
Monitoring Parameters	System voltage, current, cell voltage, cell temperature, PCBA temperature measurement
Communication	CAN
Certification	
Transportation	UN38.3
Compliance	IEC 62619, IEC 62040, IEC 61000, IEC 63056, UL9650A



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