



Spring Series

Residential ESS Solution

Wall-Mounted Battery(LV)

Support 8-20kW single-phase or three-phase inverters, meeting the application requirements of 1-4 hours

Safer

- LFP Battery: safe, long-lasting, high-efficiency
- Built-in circuit breaker, intelligent BMS
- Eco-friendly materials, non-toxic, pollution-free module

Reliable

- Built-in circuit breaker, support 100A charge and 100A discharge
- Charge from 0°C to 55°C, discharge from -20°C to 55°C

Easy Operation & Maintenance

- Automatic networking for battery modules (No DIP switches)
- Support remotely monitor and upgrade the firmware via Deye inverter
- Support external power supply activation, prevents battery suspension
- Allow over-discharge direct recharge, easy to maintain

Flexible Application

- Support Max.32 units in parallel
- Built-in 10A constant-current limit charge
- Compatible with any brand inverter charge and discharge
- Suitable for providing energy for backup power(residential use)

RW-G10.6 (AS, AF, LATAM)

Technical Data



Main Parameters		
Model	RW-G10.6	
Battery Chemistry	LiFePO ₄	
Built-in Circuit Breaker	125A 1P, 60Vdc	
Capacity (Ah)	208	
Scalability	Max. 32 pcs pack (Max.340kWh) in parallel	
Nominal Voltage (V)	51.2	
Operating Voltage (V)	44.8 ~ 57.6	
Nominal Energy (kWh)	10.64	
Usable Energy (kWh) ^[1]	9.58	
Charge / Discharge	Max. Continuous	100 / 100
Current (A) ^[2]	Peak	200 / 200 (10 sec)

Other Parameters	
Recommend Depth of Discharge	90%
Dimension (W × H × D, mm)	600 × 750 × 200 (Without hanging board)
Weight Approximate (kg)	96
Master LED Indicator	LED (SOC : 20% ~ SOC100% and working state)
IP Rating of Enclosure	IP20
Operating Temperature	Charge : 0 ~ 55°C / Discharge : -20°C ~ 55°C
Recommend Operating Temperature	15°C ~ 35°C
Storage Temperature	0°C ~ 35°C
Relative Humidity	95% non-condensing
Altitude	≤2000m
Cycle Life	≥6000 (25°C±2°C, 0.5C / 0.5C, 90%DOD, 70%EOL)
Installation	Wall-Mounted, Floor-Mounted
Communication Port	CAN2.0, RS485
Warranty Period	5 years
Energy Throughput	16MWh (25°C, 0.5C / 0.5C, 70%EOL)
Certification	UN38.3

[1] Test conditions : 25°C±2°C, at beginning of life, 0.3C charge & 0.3C discharge,100% DOD.
[2] The current is affected by temperature and SOC.

*Wall-Mounted, Floor-Mounted