

RESIDENTIAL ESS SOLUTION

DEYE SPRING RW SERIES



Easy Operation & Maintenance

- ⊙ Battery module auto networking (No DIP switches)
- ⊙ Support remotely monitoring and upgrade the firmware via Deye inverter
- ⊙ Support external power supply activation, prevents battery suspension
- ⊙ Allow over-discharge direct recharge, easy to maintain.



Safer

- ⊙ (LFP) Battery : Safe, long-lasting, high-efficiency. Built-in circuit breaker, Intelligent BMS. Eco-friendly materials, non-toxic, pollution-free module.



Flexible Application

- ⊙ Support Max. 32 units in parallel
- ⊙ Built-in 10A constant-current limit charge
- ⊙ Compatible with any brand inverter charge and discharge
- ⊙ Suited to provide energy for backup power, residential,etc.



Reliable

- ⊙ Built-in circuit breaker, Support 200A charge and 240A discharge
- ⊙ Charge from 0 C to 55 C, discharge from -20 C to 55 C

≥6000

Cycles

32 units

Max in parallel

70%

EOL

12kW

Maximum Output Power

Wall-Mounted Battery (LV)



Model	RW-G10.6		RW-F10.6	
Main Parameter				
Battery Chemistry	LiFePO ₄			
Built-in Circuit Breaker	125A 1P, 60Vdc		125A 2P, 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 Current (A) ^[2]	Max. Continuous		Charge : 200 / Discharge : 240	
	Peak		300 (2mins)	
	100 / 100			
	200 / 200 (10 sec)			
Other Parameter				
Recommend Depth of Discharge	90%			
Dimension (W × H × D, mm)	600 × 750 × 200 (Without hanging board)			
Weight Approximate (kg)	96kg		99kg	
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 ^[3]	5 years			
Energy Throughput	16MWh (25°C, 0.5C / 0.5C, 70%EOL)			
Certification	UN38.3, MSDS			

[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.

[3] Conditions apply, refer to Deye Warranty Letter.