

# 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
<b>Main Parameter</b>		
Battery Chemistry	LiFePO <sub>4</sub>	
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 ) <sup>[1]</sup>	9.58	
Charge / Discharge Current ( A ) <sup>[2]</sup>	Max. Continuous 100 / 100 Peak 200 / 200 (10 sec)	Charge : 200 / Discharge : 240 300 ( 2mins )
<b>Other Parameter</b>		
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 <sup>[3]</sup>	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.