



# RESIDENTIAL ESS SOLUTION

DEYE SPRING RW SERIES



### Reliable

Built-in Intelligent BMS  
Providing complete protection  
Wide temperature range : -20°C to 55°C



### Convenient

Battery module auto networking  
( No DIP switch code ) easy maintenance  
Support Deye remotely monitoring and upgrade  
Support Deye inverters to form a stack all-in-one system



### Safe & Smart

LFP Battery  
Safety and long lifespan  
High-energy density  
Low Voltage safety connection



### Flexible

Flat design, Wall-mounted with Wall Bracket  
Floor Stand with removable base  
Saving installation space



### High Performance

Maximum support 1C charge and 1.25C discharge  
10 years standard warranty  
IP65



### Eco-Friendly

Use environmental protection materials  
Non-toxic, pollution-free

# Wall-Mounted Battery (LV)



Model		RW-F10.2-B
<b>Main Parameter</b>		
Battery Chemistry		LiFePO <sub>4</sub>
Built-in Circuit Breaker		125A 4P, 60Vdc
Capacity ( Ah )		200
Scalability		Max. 32 pcs pack ( Max.327kWh ) in parallel
Nominal Voltage ( V )		51.2
Operating Voltage ( V )		43.2 ~ 57.6
Nominal Energy ( kWh )		10.24
Usable Energy ( kWh ) <sup>[1]</sup>		9.2
Charge / Discharge Current ( A ) <sup>[2]</sup>	Recommend Continuous	Charge : 100 / Discharge : 100
	Max. Continuous	Charge : 198 / Discharge : 240
	Peak ( 2mins, 25°C )	300
<b>Other Parameter</b>		
Recommend Depth of Discharge		90%
Dimension ( W × H × D )		23.6" × 32.7" × 7.9" ( 600 × 830 × 200mm, Without hanging board )
Weight Approximate		235.9 lbs. ( 107kg )
Master LED Indicator		LED ( SOC : 20% ~ SOC100% and working state )
IP Rating of Enclosure		NEMA 3R ( IP65 )
Operating Temperature		Charge : 33°F ~ 131°F ( 1 ~ 55°C ) / Discharge : -4°F ~ 131°F ( -20°C ~ 55°C )
Recommend Operating Temperature		59°F ~ 95°F ( 15°C ~ 35°C )
Storage Temperature		32°F ~ 95°F ( 0 ~ 35°C )
External ambient temperature range		-4°F ~ 131°F ( -20°C ~ 55°C, with heating film )
Humidity		5% ~ 95%
Altitude		≤ Max. 9,843 ft ( 3,000m )
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>		10 years
Energy Throughput		32MWh ( @25°C, 0.5C / 0.5C, 70%EOL )
Certification		UN38.3, FCC, UL1973, UL9540A

[1] DC Usable Energy, test conditions : 90% DOD, 0.5C charge & discharge at 25°C. System usable energy may vary due to system configuration parameters.

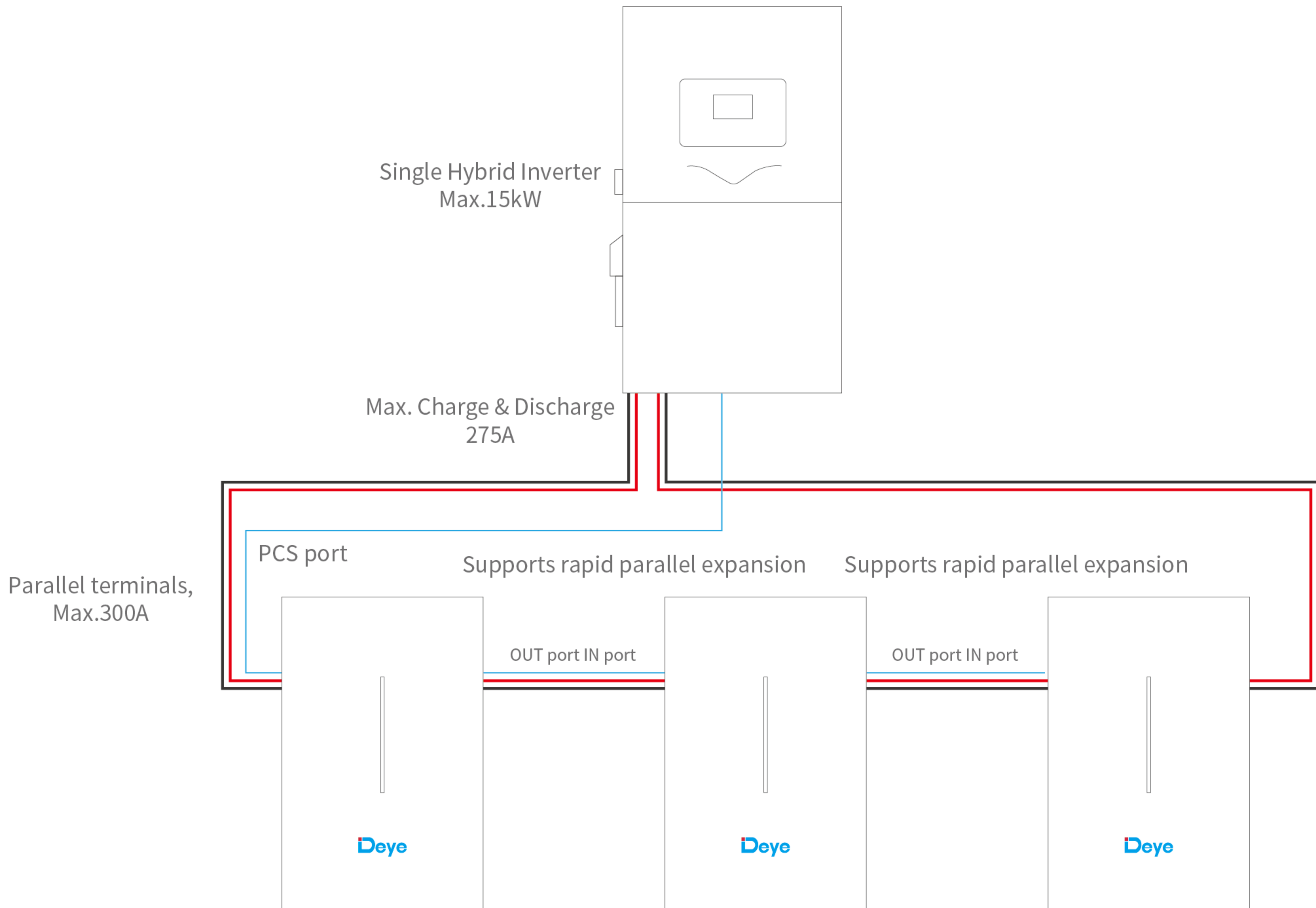
[2] The current is affected by temperature and SOC.

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

Support Sol-Ark 12kW, 15kW inverters to connect the battery, and 2 to 6 batteries can be connected in parallel.

1 hour solution	1×RW-F10.2-B+12kW Inverter	2×RW-F10.2-B+15kW Inverter
2 hours solution	2×RW-F10.2-B+12kW Inverter	3×RW-F10.2-B+15kW Inverter
3 hours solution	3×RW-F10.2-B+12kW Inverter	5×RW-F10.2-B+15kW Inverter
4 hours solution	4×RW-F10.2-B+12kW Inverter	6×RW-F10.2-B+15kW Inverter

## Product Application&System Topology Reference



**Deye**

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***To Make ESS Better***



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[www.deyeess.com](http://www.deyeess.com)