

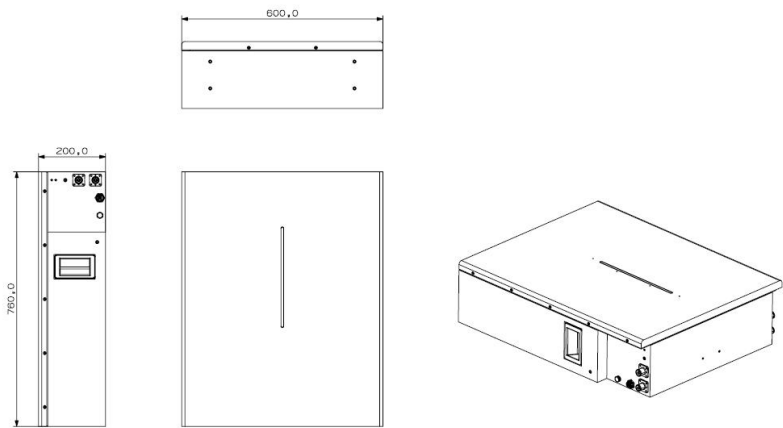
Grounding bolt

For the battery connecting to the PE.

BMS function:

Protection and Alarm	Management and Monitor
Charge/Discharge End	Intelligent Protect Mode
Charge Over Voltage	Intelligent Charge Mode
Discharge Under Voltage	Protect, Charge Current Limit
Charge/Discharge Over Current	Intelligent Protect Mode
High/Low Temperature(cell/BMS)	Intelligent Protect Mode
Short Circuit	Protect

2.3 Product Size



2.4 Technical Data

Main Parameter	RW-F10.2
Battery Chemistry	LiFePO4
Capacity (Ah)	200
Scalability	Max.32 pcs pack (Max.326kWh) in parallel
Nominal Voltage (V)	51.2
Operating Voltage(V)	43.2~57.6
Energy (kWh)	10.2
Usable Energy (kWh) ^[1]	9.2
Rated DC Power(kW)	6

Max DC Power(kW)		12
Charge/Discharge Current (A)	Recommend ^[2]	Charge: 100 / Discharge: 100
	Max. ^[2]	Charge: 198 / Discharge: 240
Other Parameter		
Recommend Depth of Discharge		90%
Dimension (W/H/D, mm)		600*760*200(Without hanging board)
Weight Approximate(kg)		104
Master LED indicator		5LED(SOC:20%~SOC100%), 3LED (working, alarming, protecting)
IP Rating of enclosure		IP65
Working Temperature		Charge: 1 ~ 55°C/Discharge: -20°C ~ 55°C
Storage Temperature		0 ~ 35°C
Humidity		5%~95%
Altitude		≤ 3000m
Installation		Wall-Mounted, Floor-Mounted
Communication Port		CAN2.0, RS485
Warranty Period ^[3]		10 years
Certification		UN38.3, IEC62619, CE, CEI 0-21, VDE2510-50, CEC

[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.

[4] Made in China

2.5 Product application solutions

The following illustration shows basic application of this battery.

It also includes following devices to have a complete running system.

- Generator or Utility
- PV modules
- Hybrid Inverters (Charge & Discharge)

Consult with your system integrator for other possible system architectures depending on your requirements.