



Specifications

Model	RBL53M					
Electrical Parameters						
Nominal Voltage [V]	51.2					
Nominal Capacity [Ah]	105					
Nominal Energy [kWh] ^[1]	5.3					
Usable Energy (90%DOD) [kWh]	4.8					
Voltage Range [V]	43.2 ~ 57.6					
Max. Continuous Charging Current [A]	60					
Max. Continuous Discharging Current [A]	60					
General						
Battery Type	LiFePO4					
Size (Width * Height * Depth) [mm]	360 x 652 x 198.5					
Net Weight [kg]	57					
Scalable	1	2	3	4	5	6
	5.3kWh	10.6kWh	15.9kWh	21.2kWh	26.5kWh	31.8kWh
Enclosure	IP65 (Indoor or Outdoor)					
Installation Type	Wall - mounted / Floor - mounted					
Cooling	Natural					
Communication Port	CAN, RS485					
Operation Temperature Range [°C] ^[2]	-10 ~ +55					
Operation Humidity	5 ~ 95%					
Altitude [m]	≤ 2000					
Warranty ^[3] [years]	10					
Cycle Life	6000 @ 80% DOD / 25°C / 0.33C / 60% EOL					
Certification						
Certificates	IEC 61000-6-1 / 3, IEC 62619, UN 38.3					

[1] Nominal Energy: 100% D00, 0. 33C charge&dischargeat +25°C (test conditions)

[2] Ambient temperature charging(0~ +50°C), discharging(-10~ +55°C)

[3] Conditions apply:refer to Renae Power Battery Warranty Policy.