



High Voltage Battery ReefMagic-AU



Suitable for both Residential and C&I Scenarios

- 52.5 kWh super large single group capacity
- Support 6 groups parallel to 315kWh



Built for Harsh Environment

- Suitable for outdoor Installation
- Against salty air erosion



Modular, Stackable Design

- Plug & Play quick installation
- Non-wiring installation experience



Safe and Reliable

- 15 Years life design
- Online real-time monitoring

ReefMagic-AU



Module

	2	3	4	5	6	7
Control Module Model	RMC600-AU					
Battery Module Model	RMB70100-AU					
System Models	RM-15-AU	RM-22-AU	RM-30-AU	RM-37-AU	RM-45-AU	RM-52-AU
Battery System Energy (kWh)	15.0	22.5	30.0	37.5	45.0	52.5
Battery System Voltage (VDC)	147.2	220.8	294.4	368	441.6	515.2
Battery System Charge Voltage (VDC)	163.3	245	326.6	408.3	489.9	571.6
Battery System Discharge Voltage (VDC)	128.8	193.2	257.6	322.0	386.4	450.8
Battery Module Quantity (pcs)	2	3	4	5	6	7
Battery Module Nominal Energy (kWh)	7.5					
Depth of Discharge	100%					
Battery Module Usable Energy (kWh)	7.5					
Battery Module Voltage (VDC)	73.6					
Battery Module Capacity (Ah)	102					
Dimension (W*D*H mm)	770*380*550	770*380*720	770*380*890	770*380*1060	770*380*1230	770*380*1400
Weight (kg)	140	200	260	320	380	440
Battery System Charge/Discharge Current (Amps, Normal)	50					
Battery System Charge/Discharge Current (Amps, Max)	55@10min					
Communication port	Modbus RTU/CAN					
Multi-group	Max 6 groups in parallel					
IP rating	IP65					
Working Temperature/ (°C)	-10~55					
Humidity (RH)	5%~95% No condensation					
Design life (@25 °C)	15 Years+					
Warranty	10 Years					
Cycle life (@25 °C)	8000+					
Certification	IEC62040-1/IEC62619/IEC63056/UN38.3/SA TS 5398:2025					

Working Temperature/ (°C) Charge:1~55
 Working Temperature/ (°C) Discharge:-10~55
 Manufacturing Country: China