PYLONTECH

High Voltage Battery
ReefMagic

Suitable for both Residential and C&I Scenarios

- 75 kWh super large single group capacity
- Support 6 groups parallel

Built for Harsh Environment

- Suitable for outdoor Installation
- Against salty air erosion
- Self heating Avaliable

Modular, Stackable Design

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

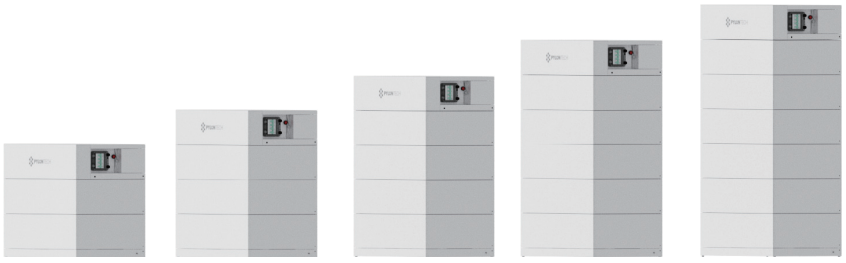
Safe and Reliable

- 15 Years life design
- Online real-time monitoring



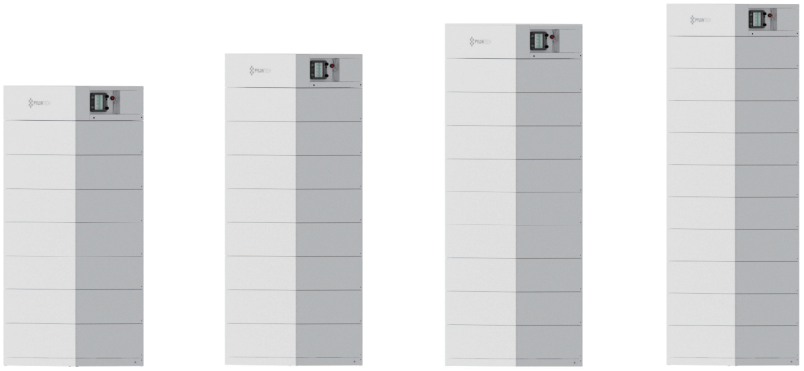
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ReefMagic



Module	2	3	4	5	6
Control Module Model	RMC1000 | RMC1000-Pro				
Battery Module Model	RMB70100 | RMB70100-Pro				
Battery System Energy (kWh)	15.0	22.5	30.0	37.5	45.0
Battery System Voltage (VDC)	147.2	220.8	294.4	368	441.6
Battery Module Quantity (pcs)*	2	3	4	5	6
Battery Module Energy (kWh)	7.5				
Battery Module Voltage (VDC)	73.6				
Battery Module Capacity (Ah)	102				
Battery System Charge Upper Voltage (VDC)	165.6	248.4	331.2	414	496.8
Dimension (W*D*H mm)	770*380*550	770*380*720	770*380*890	770*380*1060	770*380*1230
Weight (kg)	135	192	249	306	363
Depth of Discharge	95%				
Battery System Charge/Discharge Current (Amps, Normal)	50				
Battery System Charge/Discharge Current (Amps, Max)	55@15min/65A@15S				
Communication port	Modbus RTU/CAN				
Multi-group	Max 6 groups in parallel				
IP rating	IP65				
Working Temperature/ (°C) Charge	0~55/-20-55 (pro)				
Working Temperature/ (°C) Discharge	-10~55/-20-55 (pro)				
Humidity (RH)	5%~95% No condensation				
Firefighting	Aerosol				
Design life (@25°C)	15 Years				
Cycle life (@25°C)	8,000+				
Certification	VDE2510-50/CE/IEC62477/IEC62619/IEC63056/UN38.3				

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Module	7	8	9	10
Control Module Model	RMC1000 | RMC1000-Pro			
Battery Module Model	RMB70100 | RMB70100-Pro			
Battery System Energy (kWh)	52.5	60.0	67.5	75
Battery System Voltage (VDC)	515.2	588.8	662.4	736
Battery Module Quantity (pcs)*	7	8	9	10
Battery Module Energy (kWh)	7.5			
Battery Module Voltage (VDC)	73.6			
Battery Module Capacity (Ah)	102			
Battery System Charge Upper Voltage (VDC)	579.6	662.4	745.2	828
Dimension (W*D*H mm)	770*380*1400	770*380*1570	770*380*1740	770*380*1910
Weight (kg)	420	477	534	621
Depth of Discharge	95%			
Battery System Charge/Discharge Current (Amps, Normal)	50			
Battery System Charge/Discharge Current (Amps, Max)	55@15min/65A@15S			
Communication port	Modbus RTU/CAN			
Multi-group	Max 6 groups in parallel			
IP rating	IP65			
Working Temperature/ (°C) Charge	0~55/-20-55 (pro)			
Working Temperature/ (°C) Discharge	-10~55/-20-55 (pro)			
Humidity (RH)	5%~95% No condensation			
Firefighting	Aerosol			
Design life (@25°C)	15 Years			
Cycle life (@25°C)	8,000+			
Certification	VDE2510-50/CE/IEC62477/IEC62619/IEC63056/UN38.3			

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