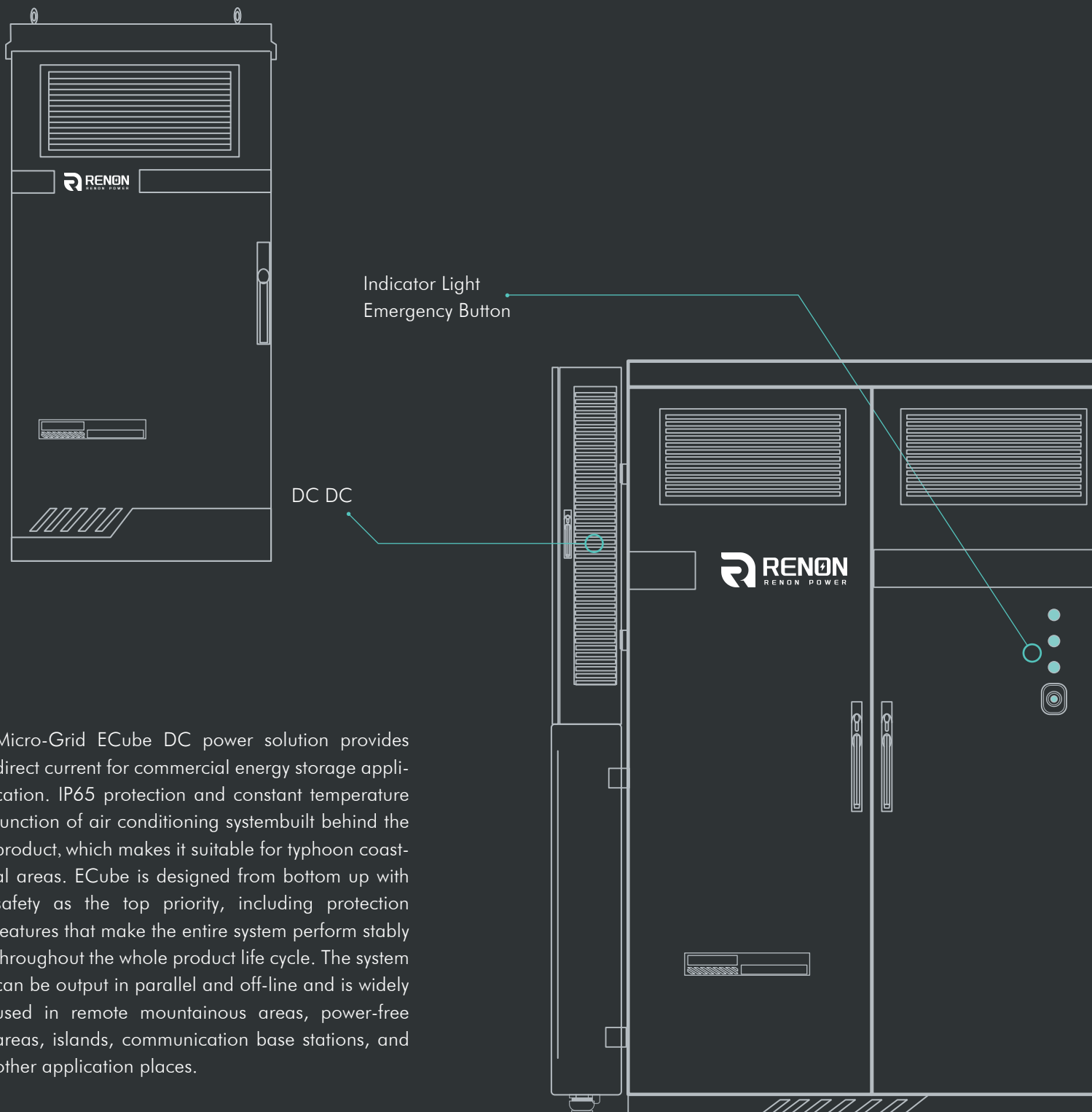


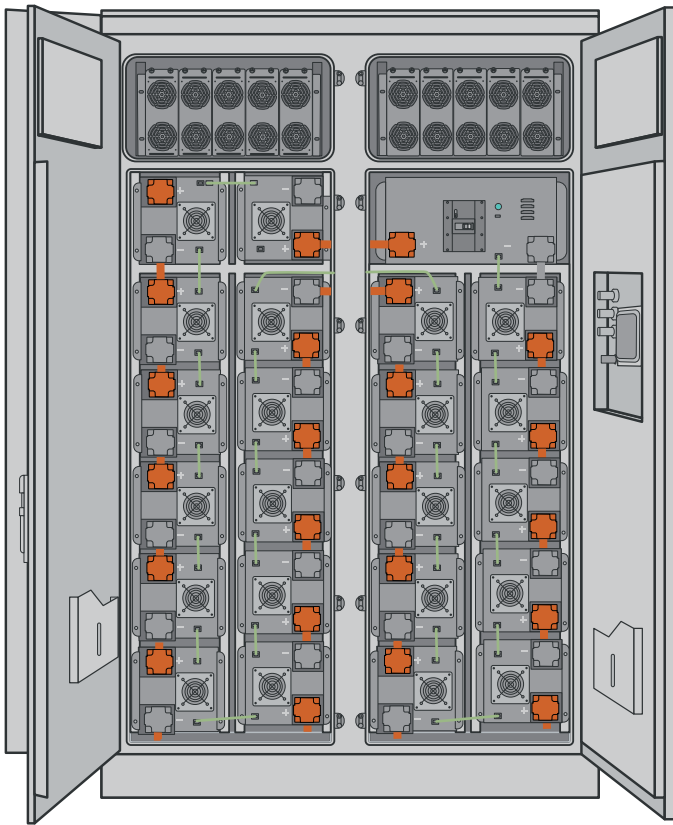
# RENON ECUBE SERIES

## DC Power Solutions

- Remote intelligent monitoring system covers the whole life cycle of products and services from installation and deployment, system operation, intelligent operation and maintenance, statistical analysis and fault repair
- Long cycle life, the system life can reach over 8000 times
- System provides direct current for energy output



Micro-Grid ECube DC power solution provides direct current for commercial energy storage application. IP65 protection and constant temperature function of air conditioning system built behind the product, which makes it suitable for typhoon coastal areas. ECube is designed from bottom up with safety as the top priority, including protection features that make the entire system perform stably throughout the whole product life cycle. The system can be output in parallel and off-line and is widely used in remote mountainous areas, power-free areas, islands, communication base stations, and other application places.



**Main control Module**  
**Lithium Battery System**

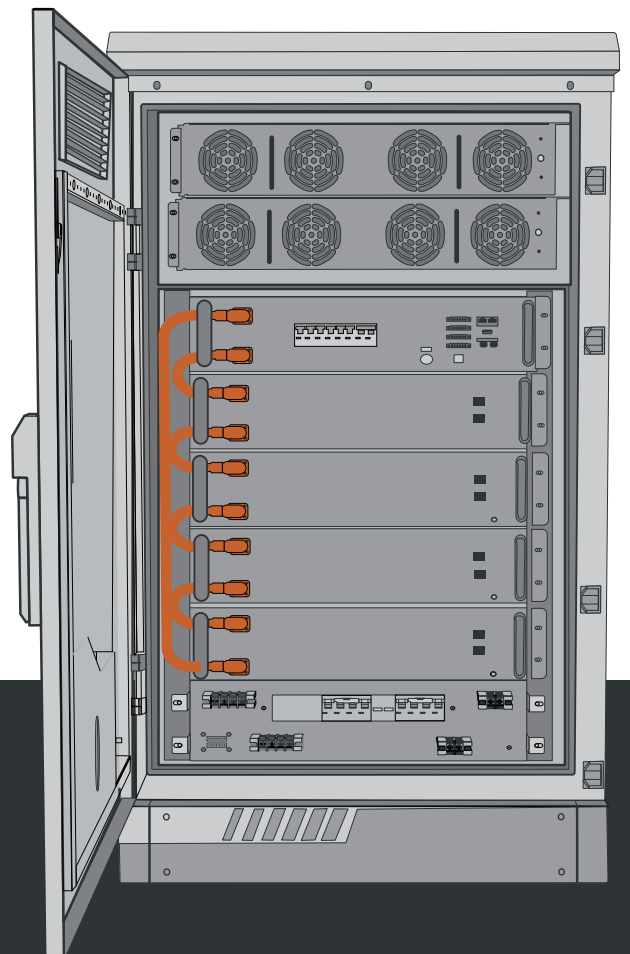
**R-MC750-300M**  
**R-FS537280-176S**

○ <b>Battery</b>	Nominal Capacity	280Ah&157kWh
	Voltage Range (V)	515.7~624.8
	Nominal Current (A)	280
○ <b>PV Input</b>	Voltage Range (V)	300~825
	Maximum Number of Parallel PV	24
	Rated Current (A)	50*4
○ <b>DC-DC Output</b>	Voltage Range (Vdc)	150~1000
	Current Range (A)	0-100
	Rated Current (A)	50*3
	Maximum Load Power	90kw
	Voltage Stabilized Accuracy	< ±0.5%
	Current Stabilized Accuracy	< ±1%(output load 20%~100% of the rated range)
○ <b>General Parameters</b>	Weight (Approx.)	1850kg
	Dimensions (L*H*W)	1115 x 2070 x 1276 mm
	Communication	RS485,CAN
	Cycle Life	8000 times@80%DOD
	Designed Calendar Life	≥ 10 years
	Parallel Capacity	Max. 10 units(Recommended 6 units)
	Level of Protection	IP55
	Cable Ourlet	Bottom

	<b>Battery</b> ○
Nominal Capacity	23.04kwh
Voltage Range (V)	421.92~511.2
Nominal Current (A)	50
	<b>PV Input</b> ○
Voltage Range (V)	300~825
Maximum Number of Parallel PV	4
Rated Current (A)	50
	<b>DC-DC Output</b> ○
Voltage Range (Vdc)	150~1000
Current Range (A)	0~100
Rated Current (A)	50
Maximum Load Power	15kw
Voltage Stabilized Accuracy	< ±0.5%
Current Stabilized Accuracy	< ±1%(output load 20%~100% of the rated range)

**General Parameters** ○

Weight (Approx.)	435kg
Dimensions (L*H*W)	654 x 1400 x 660 mm
Communication	RS485, CAN
Cycle Life	8000 times@80%DOD
Designed Calendar Life	≥ 10 years
Parallel Capacity	Max. 10 units(Recommended 6 units)
Level of Protection	IP55
Cable Ourlet	Bottom



**Main control Module**  
**Lithium Battery System**

**R-MC750-300M**  
**R-FS46050-144S**



Info@renonpower.com  
www.renonpower.com

**RENON POWER TECHNOLOGY INC.**