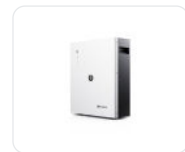
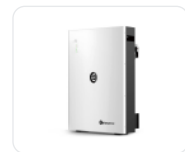


**Model** MANA 5.3 / 10.6



MANA 5.3



MANA 10.6

**[ More Usable Energy ]**

Deep cycle DOD control

**[ Flexible Investment ]**

Up to 15 units in parallel

**[ Safe & Reliable ]**

Premium Lithium Iron Phosphate(LFP)  
6000 cycles

**[ Easy Installation ]**

Floor stand or wall mounted

**[ Quick Commissioning ]**

One button ON/OFF  
Automatic ID assignment

**[ Perfect Compatibility ]**

Compatible with major PCS brands

## DATASHEET

Model	MANA 5.3	MANA 10.6
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Performance		
Cell technology	LFP (LiFePO4)	LFP (LiFePO4)
Battery usable energy [1]	5.324 kWh	10.649 kWh
Nominal voltage	51.2 V	51.2 V
Operating voltage	44.8 - 56.16 V	44.8 - 56.16 V
Nominal output current	50 A / 100 A	100 A / 200 A
BMS protection current	110 A, 1 s	210 A, 1 s

Communication	
Display	SOC status indicator, LED indicator
Communication	CAN / RS485 / RS232

General Specification		
Dimension (W*D*H)	450×150×533 mm	550×160×836 mm
	17.7×5.9×21.0 inch	21.7×6.3×32.9 inch
Weight	46 kg (101.4 lbs)	89 kg (196.2 lbs)
Installation	Floor stand or Wall mounted	
Operating temperature [2]	-20 to 60°C (-4 to 140°F)	
Environmental humidity	≤ 95%RH (No condensation)	
Protection rating	IP 20	
Cycle life [3]	6000 Cycles or ten (10) years @ 80% DOD / 25°C / 0.5°C, 60% EOL	
Scalability	Max 15 batteries in parallel	
Application	ON Grid / ON Grid + Backup / OFF grid	
Compatible inverters	Refer to compatible inverter list (Compatible with major PCS brands)	

Standard Compliance	
	Cell: UN38.3 / IEC62619 / UL 1642 / JET
	Battery pack: UN38.3 / IEC62619 / IEC61000 / UKCA (More available upon request)

Ordering and Deliverable Part		
Part	MANA 5.3 Battery	MANA 10.6 Battery
	MANA 5.3 Parallel cable	MANA 10.6 Parallel cable
	MANA 5.3 to PCS cable	MANA 10.6 to PCS cable

[1] Test conditions: 100% depth of discharge (DOD), 0.2C rate charge & discharge at 25°C.

[2] Charge/discharge derating occurs when the operating temperature from -10°C to 5°C & 45°C to 55°C.

[3] Please refer to the Warranty Letter for applicable conditions, the warranty is due whichever comes first.