Model RT 2560 / RT 5320 / RT 11.77



[More Usable Energy]

Deep cycle DOD control

[Flexible Investment]

Modular design
Max 15 batteries in parallel

[Safe & Reliable]

Premium Lithium Iron Phosphate(LFP)
6000 cycles

[Easy Installation]

Rack / Wall / Cabinet-mounted

[Quick Commissioning]

Automatic ID assignment

[Perfect Compatibility]

Compatible with major PCS brands

CE UN38.3 UK CA IEC

DATASHEET

Model	RT 2560	RT 5320	RT 11.77
Performance			
Cell technology	LFP (LiFePO4)		
Battery usable energy [1]	2.560 kWh	5.324 kWh	11.776 kWh
Nominal voltage	51.2 V	51.2 V	51.2 V
Operating voltage	44.8 - 56.16 V	44.8 - 56.16 V	44.8 - 56.16 V
Nominal output current	25 A / 50 A	52 A / 104 A	102.5 A / 205 A
BMS protection current	60 A, 1 s	110 A, 1 s	210 A,1 s
Communication			
Display	SOC status indicator		
Communication	CAN / RS485 / RS232		
General Specification			
Dimension (W*D*H)	440×480×115 mm	440×550×130 mm	440×600×220 mm
	17.3×18.9×4.5 inch	17.3×21.7×5.1 inch	17.3×23.6×8.7 inch
Weight	30 kg (66.1 lbs)	46 kg (101.4 lbs)	80 kg (176.4 lbs)
Installation	Rack / Wall / Cabinet-Mounted		
Operating temperature [2]	-20 to 60℃ (-4 to 140℉)		
Environmental humidity	≤ 95%RH (No condensation)		
Protection rating	IP 20		
Cycle life [3]	6000 Cycles or ten (10) years @ 80% DOD / 25℃ / 0.5C, 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)		
Accessories Part (optional)			
Part			
	RT 2560 Parallel cable	RT 5320 Parallel cable	RT 11.77 Parallel cable
	RT 2560 to PCS cable	RT 5320 to PCS cable	RT 11.77 to PCS cable

[1] Test conditions: 100% depth of discharge (DOD), 0.2C rate charge & discharge at 25℃.
[2] Charge/discharge derating occurs when the operating temperature from -10℃ to 5℃ & 45℃ to 55℃.
[3] Please refer to the Warranty Letter for applicable conditions, the warranty is due whichever comes first.