

RAYSTECH

Your Trusted Partner

RT-1280S Pro/2560SP Pro





Advantages of RT-1280S Pro / 2560SP Pro

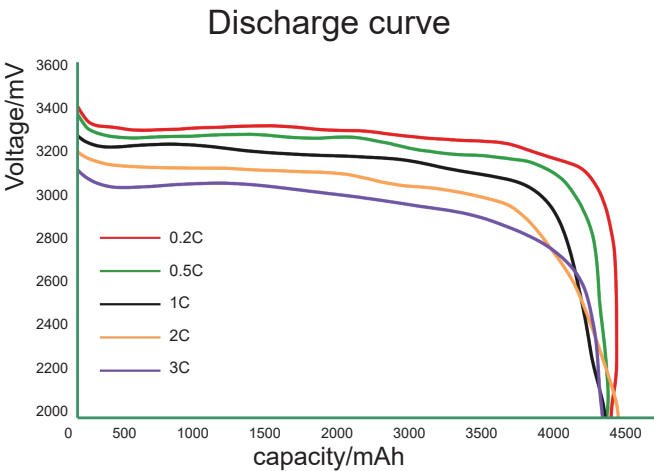
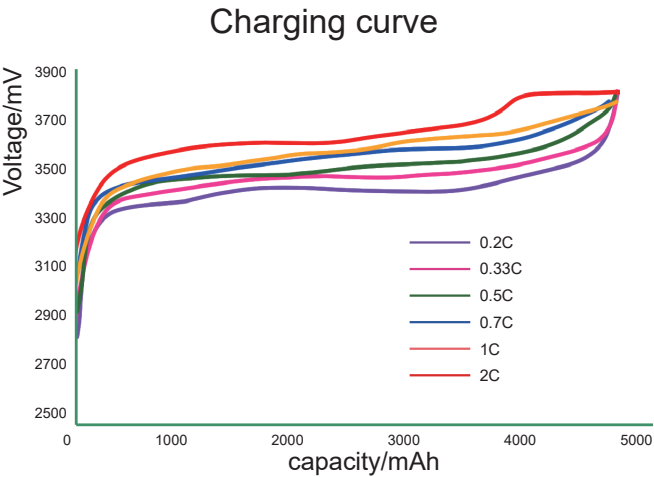
- Support 4 batteries connected in parallel.
- Support external connections in series with voltage up to 51.2V.
- Active balancing function between batteries, true parallel with RS485 communication.
- Quick connection and insulation protection.
- High-resolution, low-power OLED shows battery power & voltage, soft switch design.
- Stainless steel handles, high durability, easy to carry, and guarantee 3000 fatigue tests.
- Rugged stainless steel body with wonderful looking and durable.

Specifications

Items	Specs	
Model	RT-1280S Pro	RT-2560SP Pro
Nominal Voltage	12.8V	25.6V
Nominal Capacity @1C	100Ah	100Ah
Charge Voltage	14.6V	29.2V
Charge Current Max Continuous	50A	50A
Discharge Current Max Continuous	100A	100A
Discharge Voltage Minimum	10.4V	20.8V
Pulse Current 5 Sec	125A	125A
Weight	13.4kgs±0.5kgs	22.9kgs±0.5kgs
Dimensions L*W*H	360*140*250 mm	360*260*250 mm
Calendar Life & Performance Guarantee ^[1]	1500 cycles or 2 years , whichever comes first	

[1] Test conditions: 0.2C Charging/Discharging, @25°C, 80% DOD

Charging curve & Discharge curve



Environmental Requirements and Certifications

Operating Temperature	Charging:0℃ to 50℃
	Discharging :-10℃ to 50℃
Storage Temperature	-20~60℃
Relative Humidity (R H)	5% ~ 95% (No Condensed Water)
Safety Certificate	CE(IEC 62040), MSDS
Transportation Certificate	UN38.3

Application



Renewable energy



Others



Back-up power / UPS



Marine / boats



Motorhome / RV