

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.

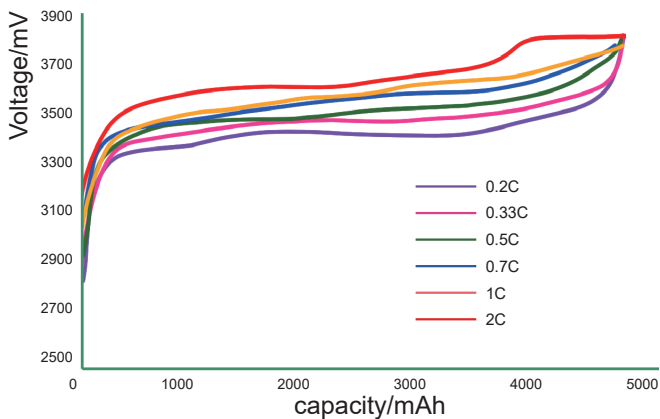
Specifications

| 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 | |

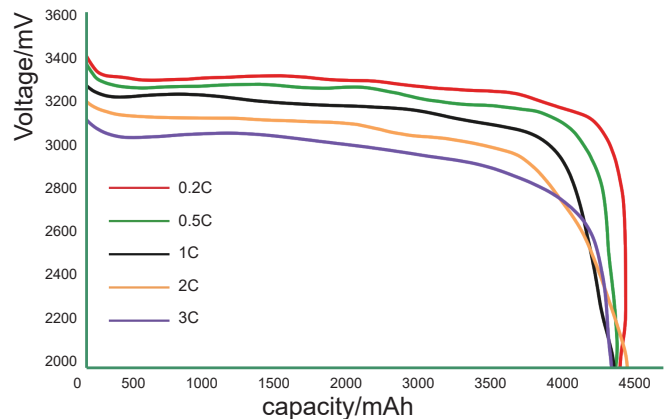
[1] Test conditions: 0.2C Charging/Discharging, @25°C, 80% DOD

Charging curve & Discharge curve

Charging curve



Discharge curve



Environmental Requirements and Certifications

| | |
|----------------------------|-------------------------------|
| Operating Temperature | Charging:0°C to 50°C |
| | Discharging :-10°C to 50°C |
| Storage Temperature | -20~60°C |
| 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