

Battery Module **RT12100G31**

Specification

Nominal Voltage	12.8Vdc
Nominal Capacity	100Ah
Battery Capacity	1280 Wh
Dimension (L*W*H)	325*173.5*238mm
Weight	12±0.2 kgs
Internal Resistance	<20 (mΩ)* BAT.2
Working Voltage Range	10.8~14.4 Vdc
Charge Voltage	14~14.4 Vdc
Nominal Operation Current	20A
Max. Continuous Operation Current	100A
Peak Current	200A@30sec
Single String Quantity	≤16 pcs
(Serial connection voltage / pcs: ≤ 51.2Vdc / 4pcs)	

FC  **CE**   **Bluetooth®**

- * The internal resistance is measured at 50%SOC.
- * Between -40°C ~ -20°C, heating film can operate to heat up the module via external charger.

POSITIVE

Charge working temperature
Discharge working temperature
Working temperature

0 ~ 60 (°C)
-20 ~ 60 (°C)
-40 ~ 60 (°C) *

Altitude
Humidity(RH, %)

<4,000 M
5~95% (w/o condensing)

Certification

**SAE J930, SAE J1455, UL1973, IEC62619,
FCC, CE, Telec, Bluetooth SIG, UN38.3**

NEGATIVE

BAT.4

BAT.3



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