






Features

-  Internal Heat Film allows for recharging down to -30 degrees Celcius!
-  Bluetooth Connectivity to the Valiant APP puts valuable information right at your fingertips!
-  Conservatively rated at 3000 cycles to 100% depth of discharge.
-  No maintenance and super lightweight, just under 25lbs!
-  100% depth of discharge capability with no voltage drop means 100% useable capacity



Quality and Safety

- 5 Year Full Replacement Warranty
- Upgraded BMS ensures maximum safety and battery life.
- UN38.3, conformity to CE
- ISO9001 / ISO14001 certified manufacturer

Recommended Applications

- RV and Marine
- Off-grid cabins
- Solar power stations
- Other off-grid applications

Disposal and Recycling

Lithium batteries are subject to disposal and recycling regulations that vary by country and region. Always check and follow your local regulations before disposing of any battery. Contact Rechargeable Battery Recycling Corporation (www.rbr.com) for USA and Canada.

Characteristics

Part Number:	VTL12-100CW
Rating :	12.8V 100AH , 1280WH
Internal Resistance	≤ 25mΩ @1kHz AC
Charge Voltage	14.6V ± 0.2V
Float Voltage	13.8 ± 0.2V
Maximum Continuous Charge Current:	80A
Maximum Continuous Discharge Current:	80A
Maximum Peak Discharge Current:	350A-3S
Charging Temperature Range:	-30~45°C
Discharging Temperature Range:	-20~60°C
Warranty:	5 Years Full Replacement

Protections

Short Circuit Protection:	Auto cutoff load when short circuit
Overcharge	Over-charge protection alarm for each cell (3.75± 0.05V per cell)
Overdischarge	Over-discharge protection alarm for each cell (2.50 ± 0.04V per cell)
Overcurrent	Charge over current protection alarm (115 ± 5A for 25± 3S)
Temperature Recharge	Protect@65±2°C, Protect@-6±2°C (heat film initiate -6 to -30 ±2°C)
Temperature Discharge	Protect@65±2°C, Protect@-20±2°C

Packing Information

No. of battery per carton:	1 PCS
Battery size:	330*214*171 mm
Weight per battery :	11 Kg

