



Applications

- RV
- Marine
- Angling Boat
- Backup power
- Solar energy storage system
- Solar street LED lightings
- AGV
- Cleaning truck

Product Feature

-  Standard lead acid cases, customized case, functions and bluetooth app available.
-  Support series or parallel connection.
-  UL38.3 / CE / certified, quality guaranteed.
-  Bluetooth app monitoring and up grading. (Pending)
-  4000+Cycle Life, 80%DOD.
-  Heating function optional

Electrical Parameters

Nominal voltage	12.8V
Nominal capacity@0.2C	100Ah
Nominal energy@0.2C	1280Wh
Internal resistance	≤30mΩ @1kHz AC
Parallel and series connection	Support Max. 4 in series or Max.4 in parallel
Communication	Bluetooth
Self-discharge rate	≤3% Per month
Cycle life	≥4000 Cycles

Mechanical Parameters

Dimension(L*W*H)	307*169*211mm
	20.0*6.6*8.3'
Weight (No accessories)	≈ 11.0kg (24.2 lbs)
IP level	IP54
Terminal and torque	M8 8-12N·M
Operation altitude	< 3000m

Charge Parameters

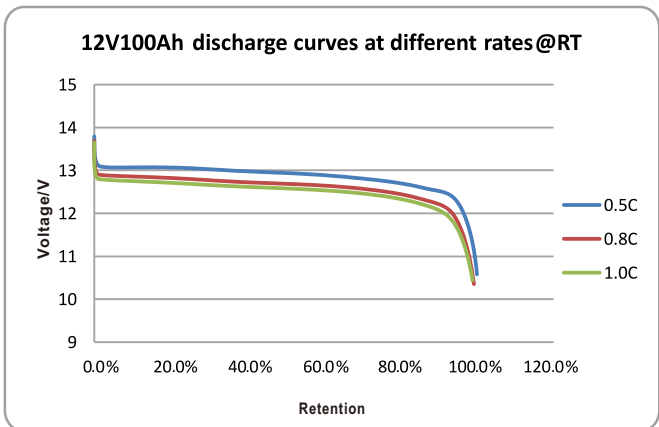
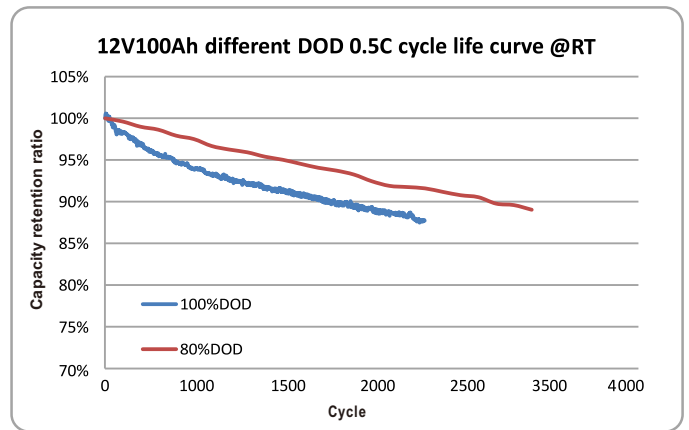
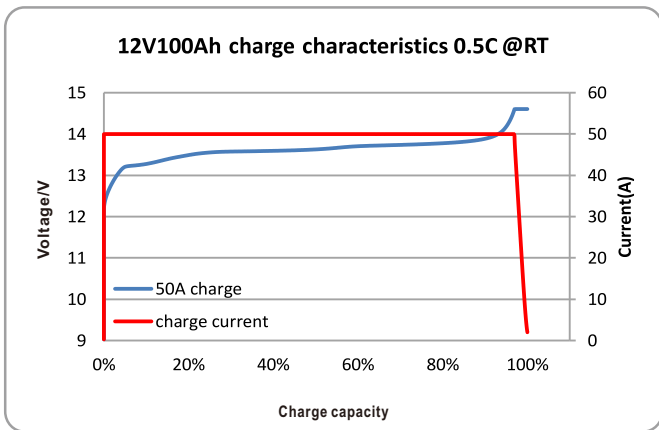
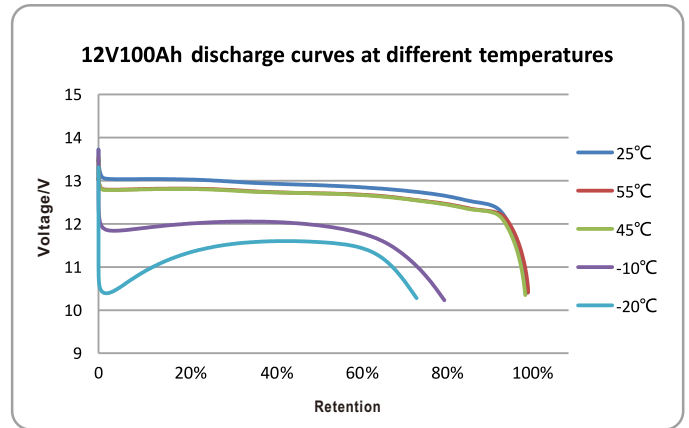
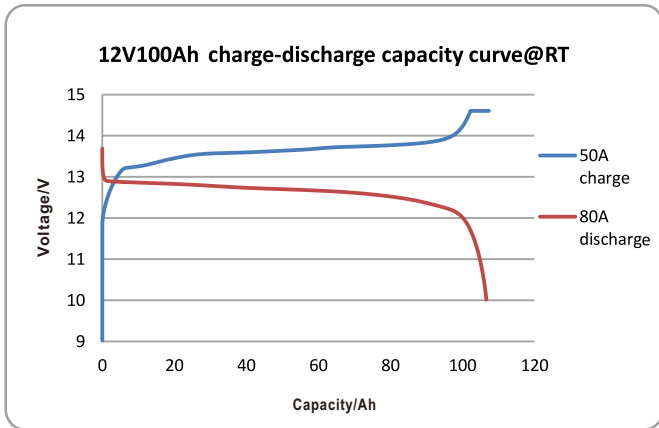
Charge voltage range	14.0~14.6V
Float voltage range	13.6~13.8V
Allowed MAX charge current	100A @25°C
Recommend charge current	50A

Discharge Parameters

Allowed MAX discharge current	100A @25°C
Recommend discharge current	50A
Peak/Surge current limit	350A@3S
Short circuit protection	980A 400us
End of discharge	10.8~11.6V

Temperature Parameters

Operation temperature	Charge	0~60°C (32 to 140°F)
	Discharge	-20~60°C (-4 to 140°F)
Storage environment	≤3month	-20~60°C (-4 to 140°F) /5~75%RH
	≥3month	-10~45°C (14 to 113°F) /5~75%RH
	Recommend environment	15~35°C (59 to 95°F) /5~75%RH



Compliance Certificate

Certifications

Cells Conform to UL STD 1642

Shipping classification

UN38.3 UN3480 CLASS:9

Battery Dimension

