



### ELECTRICAL PERFORMANCE

Nominal Voltage	12.8 V
Nominal Capacity	200 Ah
Capacity@ 40A	300 min
Energy	2560 Wh
Resistance	≤20 mΩ
Self Discharge	<3%/Month
Bluetooth Enabled	Yes

### CHARGE PERFORMANCE

Recommended Charge Current	<100A
Maximum Charge Current	200A
Recommended Charge Voltage	14.6 V
BMS Charge Cut-Off Voltage	<15.2 V (0.5 - 1.5s)
Reconnect Voltage	>14.4 V
Balancing Voltage	<13.6V
Maximum Batteries in Series	4
Maximum Batteries in Parallel	4

### DISCHARGE PERFORMANCE

Continuous Discharge Current	100A
Max Discharge Current	200A
BMS Discharge Cut-Off Current	600A (5 ~15ms)
Recommended Low Voltage BMS Disconnect	10V
Discharge Cut-Off Voltage	>8.4 V (50 ~ 150 ms)
Reconnect Voltage	>11.2
Short Circuit Protection	200 ~ 600 μs

### MECHANICAL PERFORMANCE

Dimensions (L xW xH)	483*170*240mm
Approx. Weight	15 kg
Terminal Type	M8
Terminal Torque	80 ~ 100 in-lbs (9 ~ 11 N-m)
Case Material	ABS
Enclosure Protection	IP65

### TEMPERATURE PERFORMANCE

Discharge Temperature	-4 ~ 140 °F (-20 ~ 60 °C)
Charge Temperature	32 ~ 113 °F (0 ~ 45 °C)
Storage Temperature	23~95°F(-5 ~ 35°C)
BMS High Temperature Cut-Off	149°F (65 °C)
Reconnect Temperature	118 °F (48 °C)

### COMPLIANCE

Certifications	• CE, UN38.3
	• UL1642
Shipping Classification	• IEC62133 & IEC62619 (cell)
	• UN3480
	• CLASS9

### APPLICATIONS

- Caravan / RV
- 4WD
- Marine
- Back Up Power
- Solar Storage
- Remote Monitoring
- Electric Vehicles

### CAUTIONS

- Do NOT short-circuit, crush or disassemble.
- Do NOT heat or incinerate.
- Do NOT immerse in any liquid.
- Store at 50% capacity. Recharge every 3 months. The storage area should be clean, cool, dry and ventilated.

The **DELTEC 12V 200Ah lithium battery** - where state-of-the-art technology meets relentless power. Engineered to redefine your energy storage experience, this advanced lithium battery is designed to deliver unparalleled performance and reliability. Compact and lightweight, the battery packs a punch, providing an efficient and long-lasting power solution for a wide range of applications.

Designed with precision and durability in mind, it boasts an extended cycle life, allowing you to harness its energy potential for years to come. The integrated Battery Management System (BMS) ensures optimal performance, protection against overcharging, discharging, and temperature fluctuations, guaranteeing a safe and reliable power source.

### FEATURES



#### High cycle life

>3000 cycles @100% DoD for effectively lower total cost of ownership.



#### Longer service life

Low maintenance batteries with stable chemistry. Easily monitor state of charge (SoC) of smart models.



#### Built in circuit protection

Battery Management Systems (BMS) are incorporated against abuse.



#### Better storage

Up to 6 months thanks to its extremely low self discharge (LSD) rate and no risk of sulphation.



#### Quickly recharge

Save time and increase productivity with less downtime thanks to superior charge/discharge efficiency.



#### Extreme heat tolerance

Suitable for use in a wider range of applications where ambient temperature is unusually high: up to +60°C.



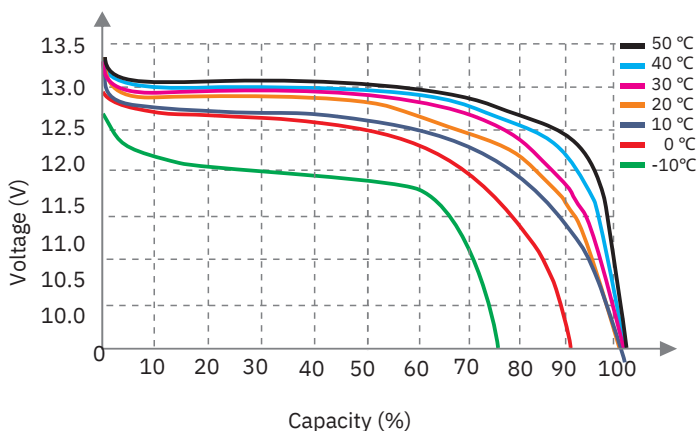
#### Light weight

Lithium batteries provide more Wh/Kg while also being up to a 1/3 of the weight compared to its SLA equivalent.

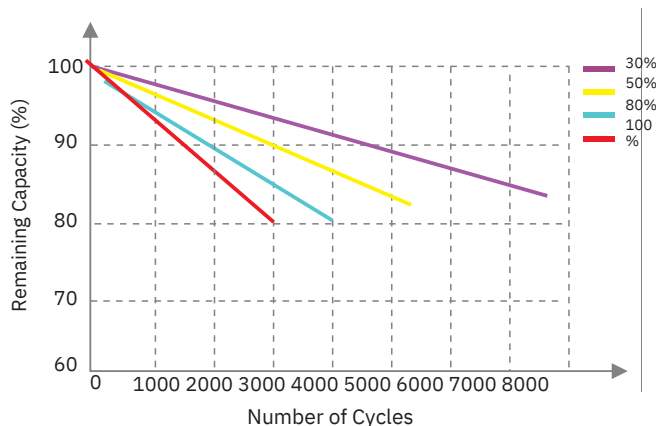
For warranty terms & conditions, visit [www.deltecbatteries.com.au](http://www.deltecbatteries.com.au)

*Performance may vary depending on application. All specifications are subject to change without prior notice to the user. This data is for evaluation purposes only. No guarantee is intended or implied by this data. For clarification and updated information, please contact us.*

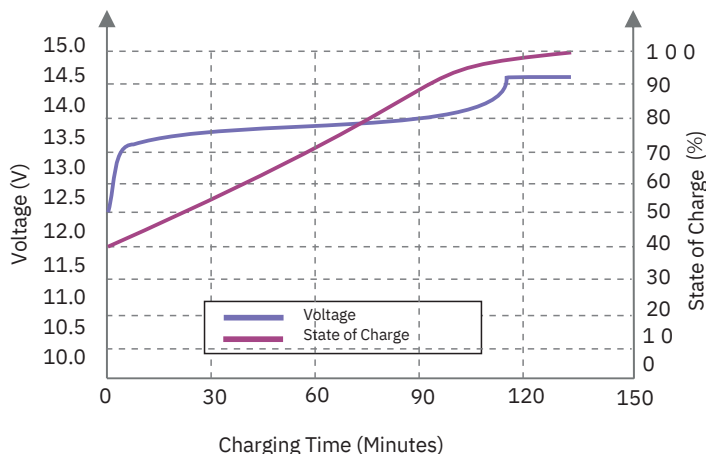
Different Temperature Discharge Curve (0.5C)



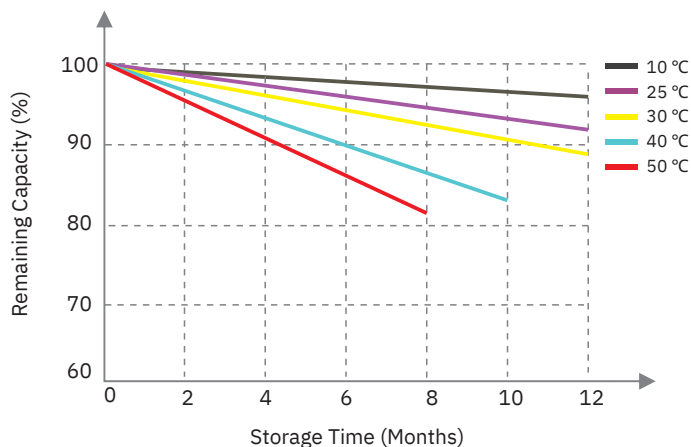
Different DOD Discharge Cycle Life Curve (1C)



State of Charge Curve (0.5C, 25C)



Different Temperature Self Discharge Curve



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