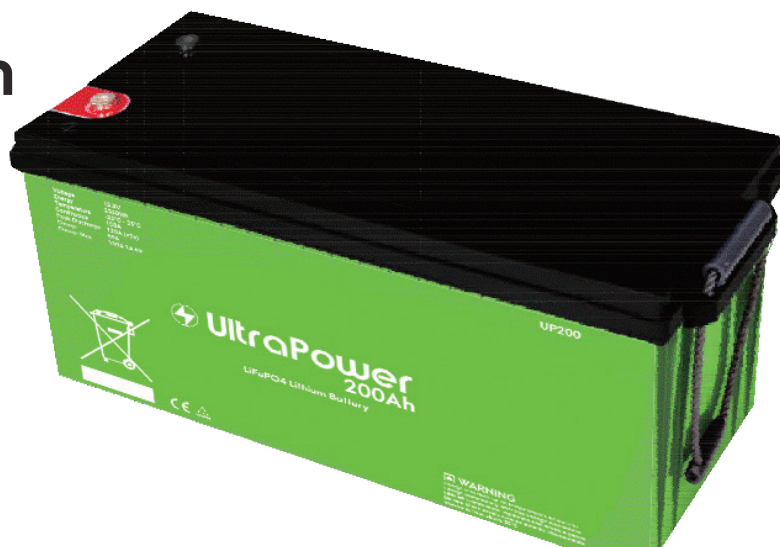


UltraPower 200Ah

Electrical specifications

Nominal Voltage	12.8V
Nominal Capacity	200Ah
Energy	2560Wh
Internal Resistance @100% SOC	≤40mΩ
Cycle Life @1°C 100% DOD	>4000
Efficiency of Charge @0.5°C	100%
Efficiency of Discharge @0.5°C	96-99%
Self-Discharge/month	<3%



Charge specifications

Charge Voltage	14.0V - 14.6V
Charge Mode	CC-CV
Charge Current	<50A
Max. Charge Current	100A
Charge Cut-off Voltage	15.6V (3.9V ± 0.025VPC)

Discharge specifications

Continuous Current	100A
Peak Discharge Current	120A(<3s)
Discharge Cut-off Voltage	8V

Mechanical specifications

Plastic Case	ABS
Approx. Dimensions	522mm x 240mm x 212mm
Approx. Weight	22.0 kg
Terminal	M8

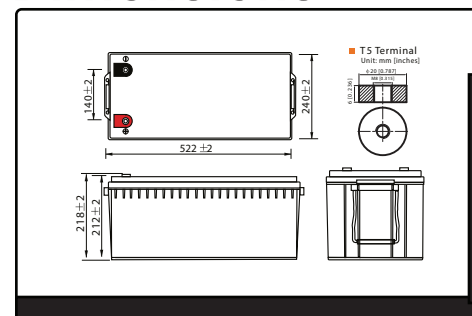
Environmental specifications

Charge Temperature	0°C to 55°C @ 60°C
Discharge Temperature	-20°C to 60°C @ 60°C
Storage Temperature	-20°C to 35°C @ 60°C
IP Class	IP66

Typical applications

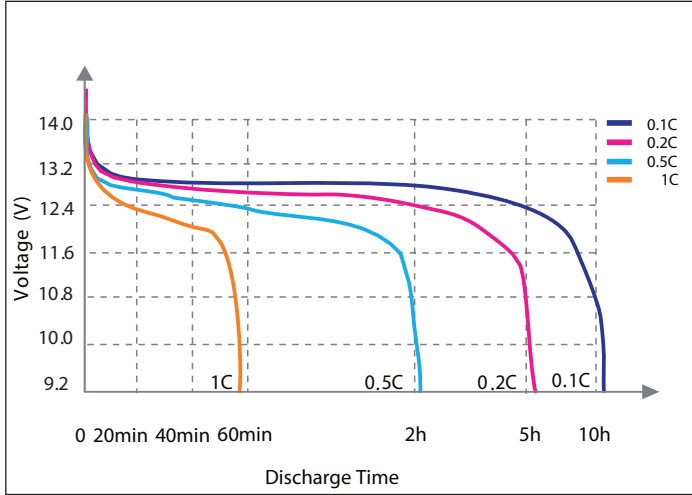
Wheelchairs and Scooters
Solar / Wind energy storage
Backup power for small UPS
Golf trolleys & buggies
Electrical Bikes
Tools

Dimensions

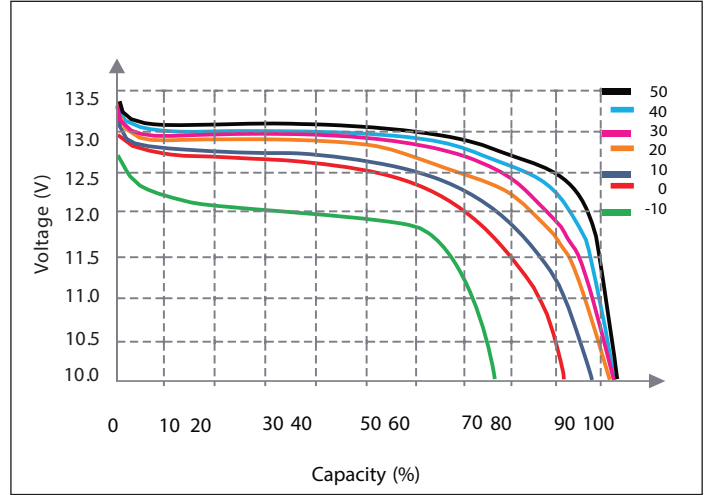


Technical curves

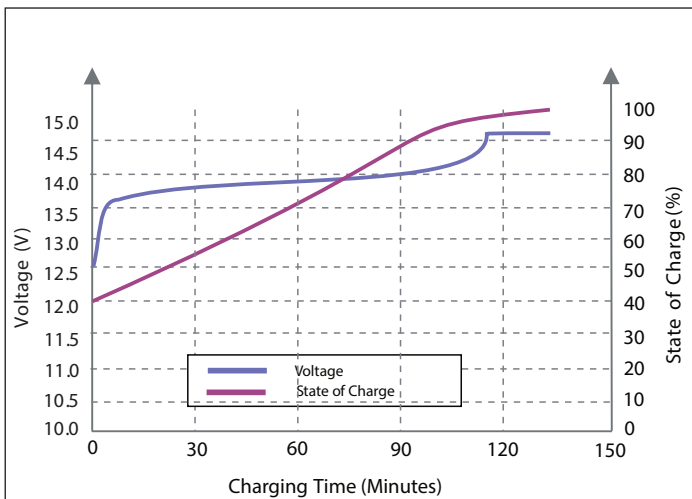
Different Rate Discharge (25°C)



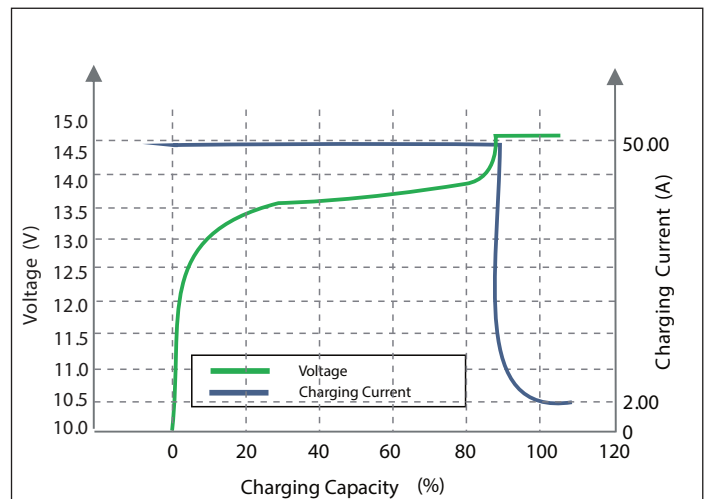
Different Temperature Discharge (0.5°C)



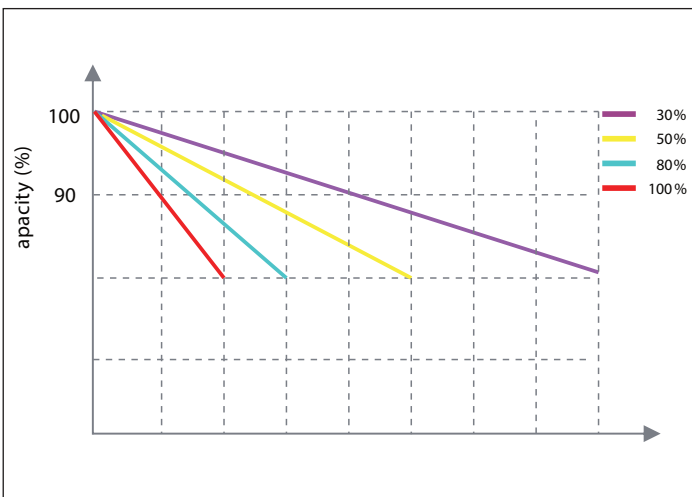
State of Charge (0.5°C, 25°C)



Charging Characteristics (0.5°C, 25°C)



Different DOD Discharge Cycle Life (1°C)



Different Temperature Self Discharge

