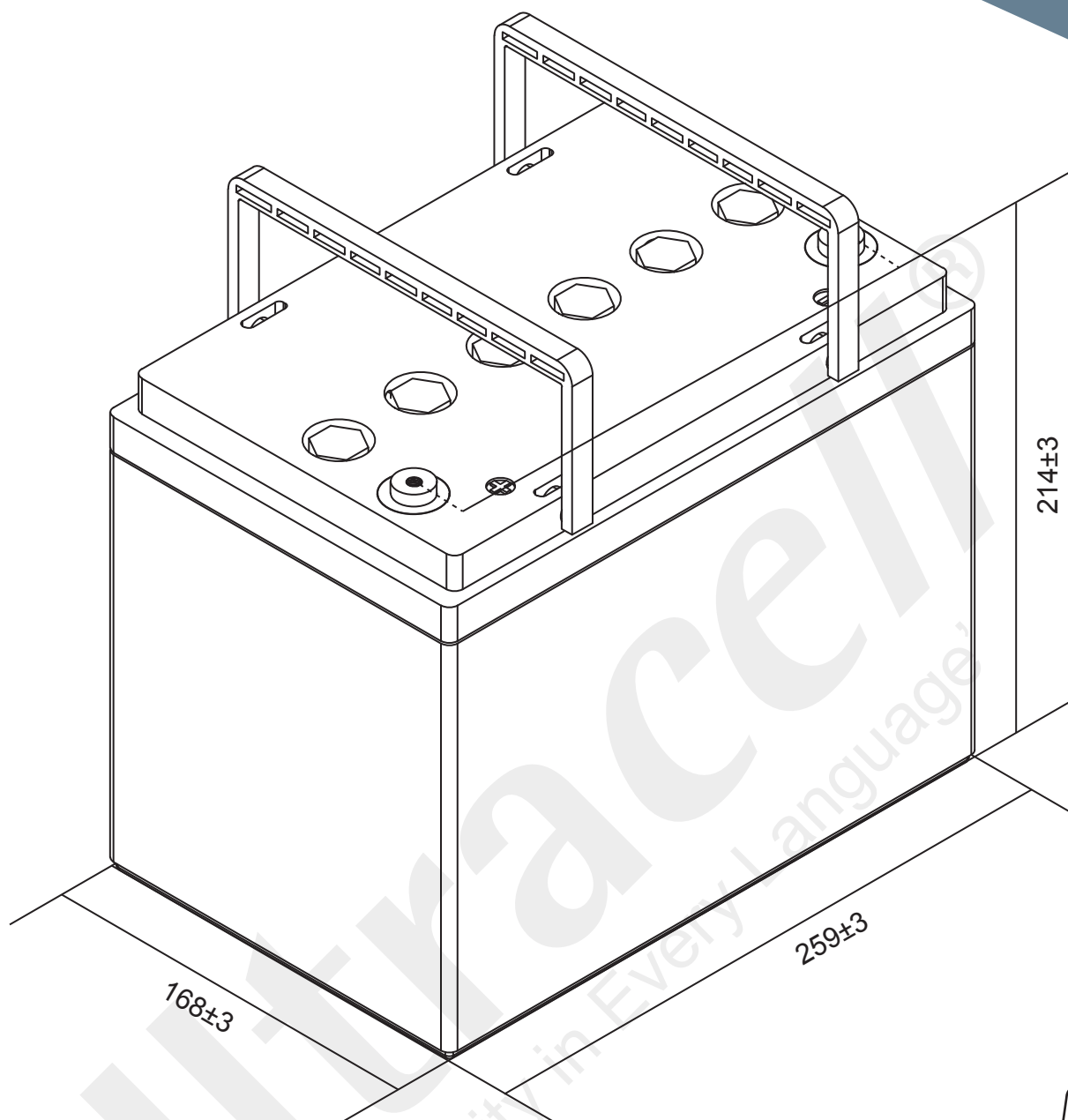
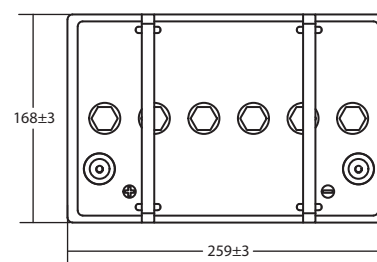
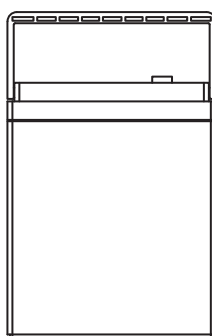
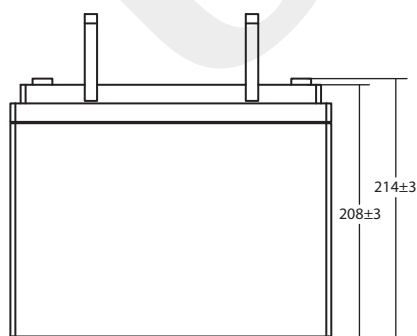




Technical Dimensions (mm)

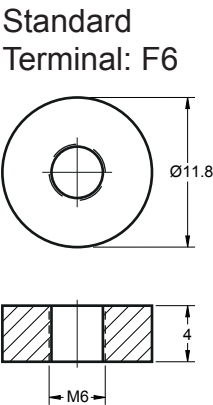




Image



Terminal Dimensions (mm)



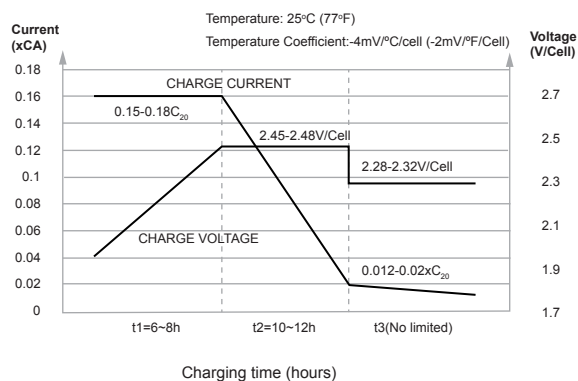
Technical Specification

Output	Nominal Voltage	12V
	Nominal Capacity (5HR)	85Ah
Terminal Type	Standard Terminal	F6
Container Material	Standard Option	ABS
	Flame Retardant Option (FR)	ABS (UL94:VO)
Rated Capacity	(10HR, 25°C)	92.0 Ah
	(3HR,25°C)	80.0 Ah
Discharge Characteristics	Operating Temperature Range	Discharge: -15°C ~ 50°C
		Charge: 0°C ~ 40°C
		Storage: -15°C ~ 40°C
	Nominal Operating Temp Range	25 ± 2°C
	Capacity affected by Temperature	40°C 106%
		25°C 100%
		0°C 85%

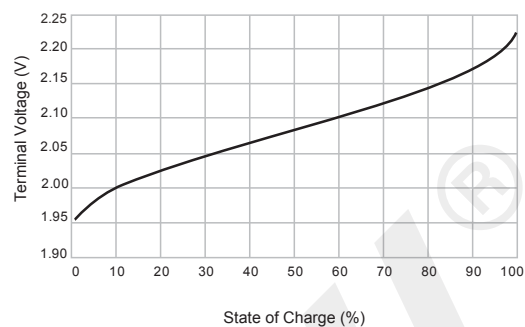
Self Discharge

Ultracell® EV batteries may be stored for up to 6 months at 25°C and then a refresh charge is required. For higher temperatures the time intervals will be shorter.

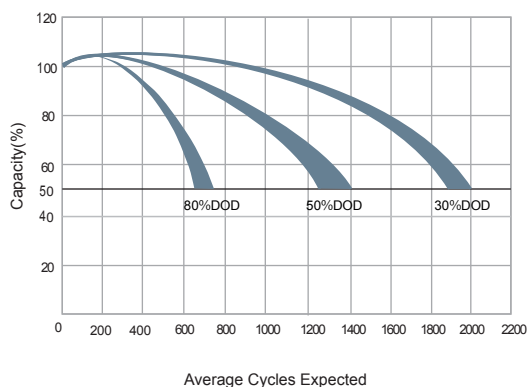
Charging Characteristics



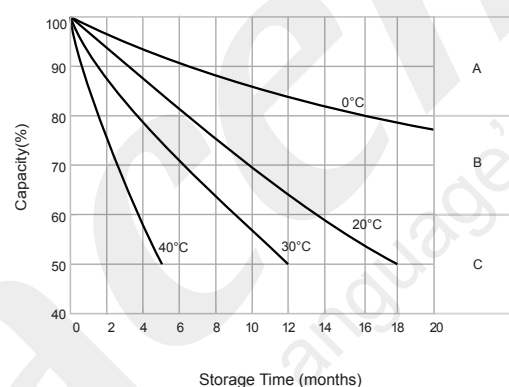
Relationship of OCV & State of Charge



Cycle Life vs Depth of Discharge



General Relation of Capacity vs Storage Time



General Relation of Capacity vs. Storage Time (Notes)

- A) No supplementary charge required.
(Carryout supplementary charge before use if 100% capacity is required.)
- B) Supplementary charge required before use to recover full capacity.
- C) Supplementary charge may often fail to recover the capacity.
The battery should never be left standing till this is reached.