CYCLONE
DEEP CYCLE BATTERY

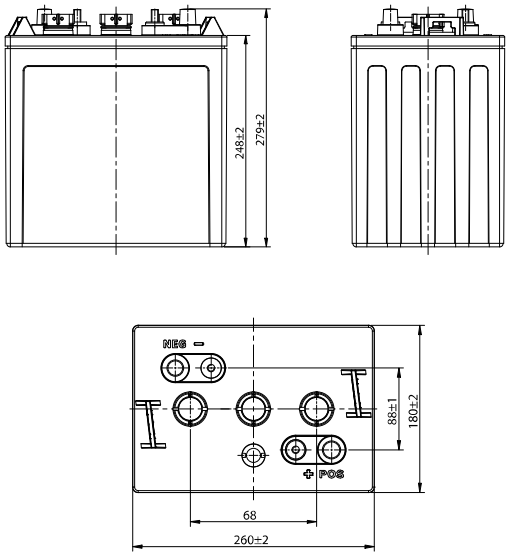
TECHNICAL DATA SHEET

C6V225

SPECIFICATIONS

Part Number	C6V225
BCI Group	GC2
Volt	6V
Type	Wet Acid
Acid Density	1.280
Capacity @20HR	225AH
Reserve Capacity	440 min. @25 amp.
Life Cycles	700 cycles at 80% DOD
Terminal Type	Auto post + stud 5/16”
Terminal Torque	11-14.7 N*m (111-150 KGf*cm)
Container Material	Polypropylene
Integrated Hydrometer	Yes

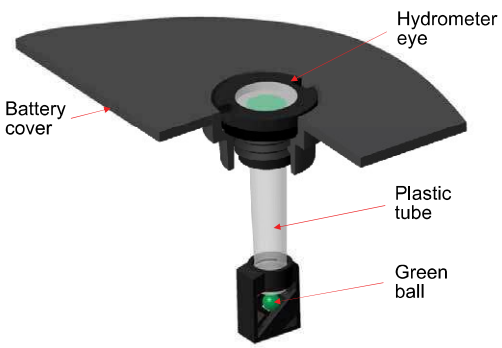
DRAWING

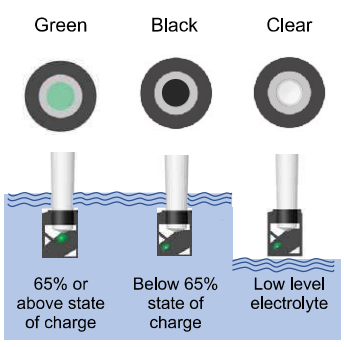


DIMENSIONS

Lenght	10 1/4” (260 mm)
Width	7 1/8” (181 mm)
Case Height	9 3/4” (248 mm)
Overall Height	11” (279 mm)
Weight	58.4 lbs (26.5 Kg)

INTEGRATED HYDROMETER

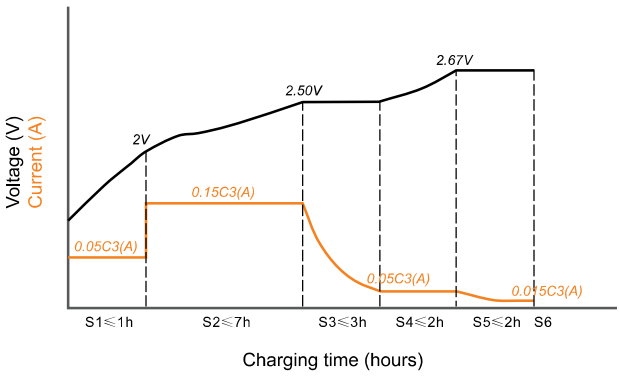




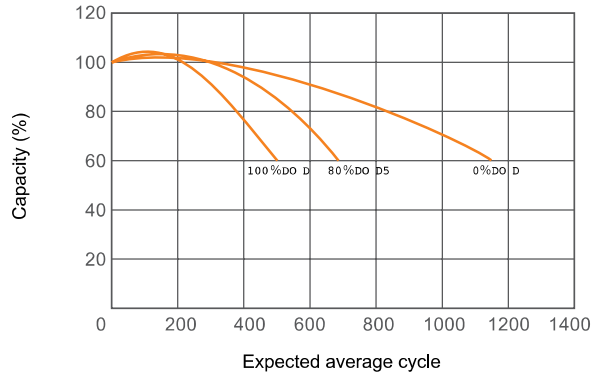
CHARGE / DISCHARGE PERFORMANCE CURVES

6 VOLTS

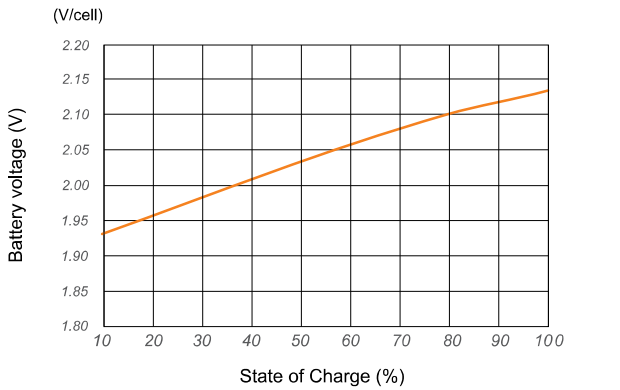
Charging Characteristics (25ºC, 77ºF)



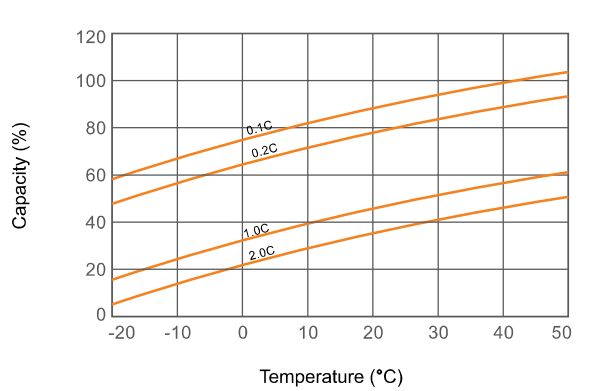
Cycle life in relation to depth of discharge



Relationship of OCV and SOC (25ºC, 77ºF)



Temperature effects on capacity



CHARGE METHOD

Initial Charge:

- 0.1C_{20}(A) charging 15h
- 0.05C_{20}(A) charging 10h

The temperature of the battery should be below 50°C during charging.

Float Voltage:

- 2.25V/cell, 6.75V

Equalizing Charge:

- 8.10V

Supplement Charge:

- Charging at a constant voltage of 7.35~7.5V/cell and a limited current 0.25C_{20}(A) until the electrolyte density up to 1.280g/cm^3 (30°C) and the current not change for 3 hours.
- Charge with constant current 0.1C_{20}(A) until the voltage between 7.8~8.4V/cell, and voltage maintains for 3 hours and not change.

Two method optional.

RECYCLING

- 99% recyclable