

## TECHNICAL DATA SHEET

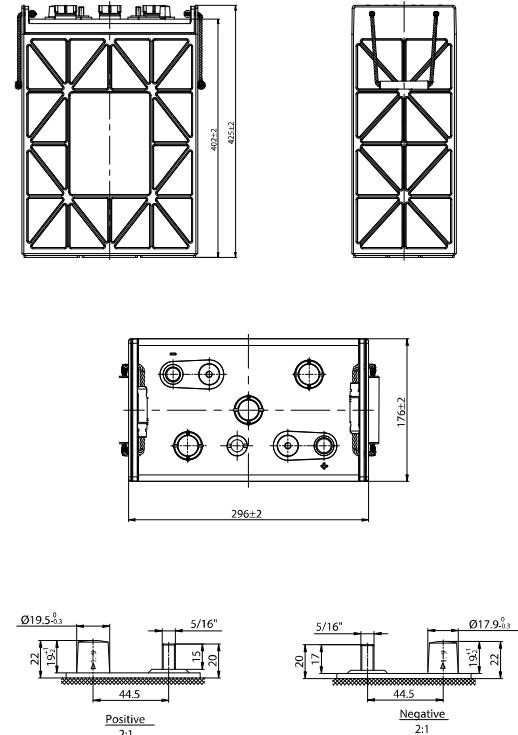
# CL16HC



### SPECIFICATIONS

Part number	CL16HC
BCI Group	903
Volt	6V
Type	Wet acid, Deep Cycle
Capacity @20HR	420AH
Reserve capacity	905 min. @25 amp.
Life cycles	700 cycles at 80% DOD
Terminal type	Dual, auto post + stud 5/16"
Terminal Torque	11-14.7 N*m (111-150 KGf*cm)
Container material	Polypropylene
Integrated Hydrometer	Yes

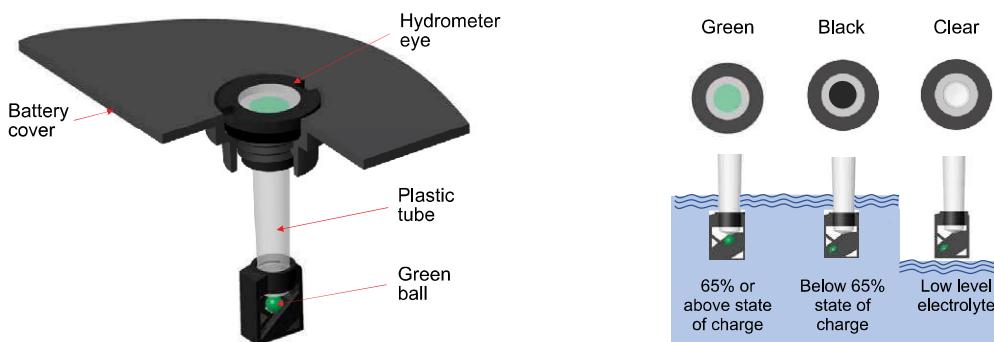
### DRAWING



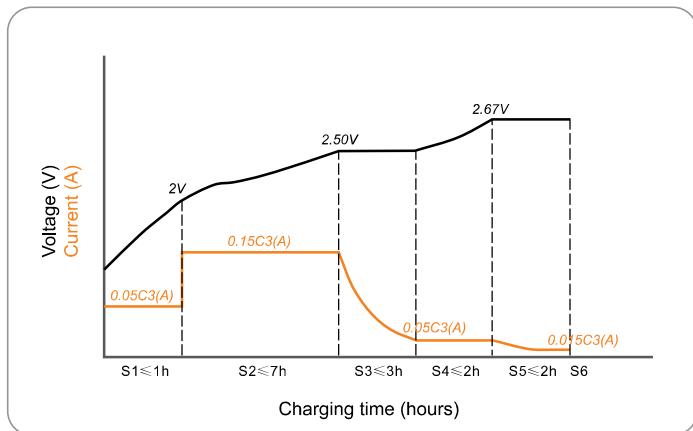
### DIMENSIONS

Length	11 5/8" (296 mm)
Width	6 15/16" (176 mm)
Case Height	15 13/16" (402 mm)
Overall Height	16 3/4" (425 mm)
Weight	114,6 lbs (52 Kg)

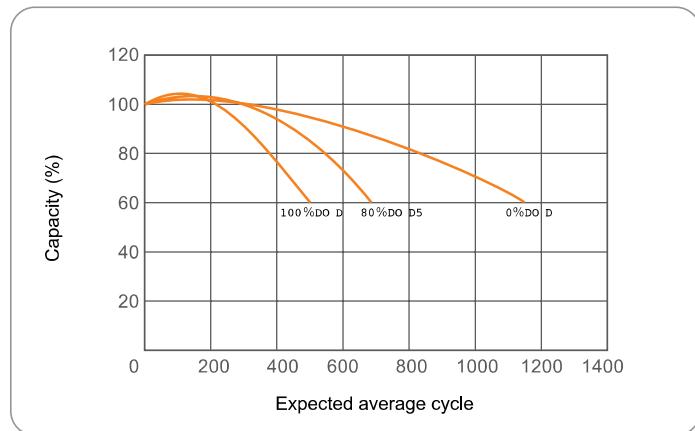
### INTEGRATED HYDROMETER



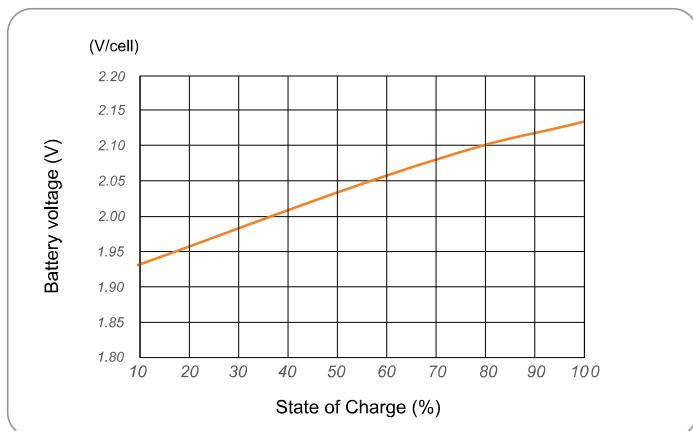
## Charging Characteristics (25°C, 77°F)



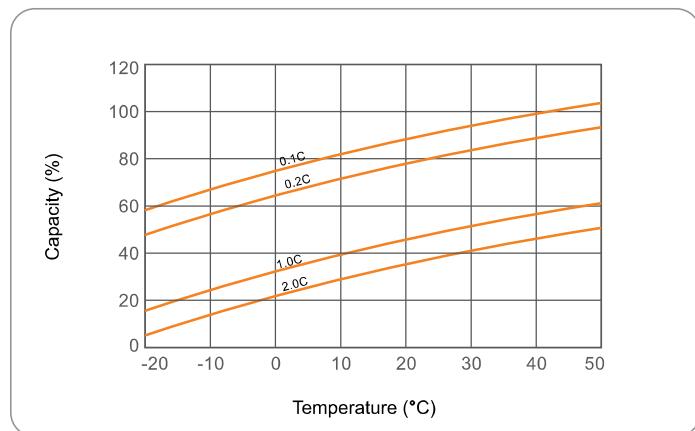
## Cycle life in relation to depth of discharge



## Relationship of OCV and SOC (25°C, 77°F)



## Temperature effects on capacity



## CHARGE METHOD

## Initial Charge:

- 0.1C<sub>20</sub>(A) charging 15h
- 0.05C<sub>20</sub>(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<sub>20</sub>(A) until the electrolyte density up to 1.280g/cm<sup>3</sup> (30°C) and the current not change for 3 hours.
- Charge with constant current 0.1C<sub>20</sub>(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