



# Century Performance Batteries

## CHECKS TO ENSURE MAXIMUM BATTERY LIFE

### DAILY

- ⇒ Ensure the charger is suitable for the battery each time before use.
- ⇒ Check specific gravity of pilot cell for depth of discharge.
 

DoD	20%	40%	60%	80%	100%
S.G. at 25°C	1270	1230	1190	1160	1100
- Note: Depth of discharge should not exceed 80%.
- ⇒ Check the condition of the connectors and cables, and if damaged notify supervisor.
- ⇒ Check general condition and cleanliness of battery and clean and dry if necessary.
- ⇒ Check and record pilot cell temperature before charging. If above 43°C, allow battery to cool prior to charging. Consult Century Batteries if this is a regular occurrence.
- ⇒ Check and record pilot cell temperature at end of charge, and if battery temperature exceeds 60°C consult Century Batteries.

### WEEKLY

- ⇒ Top up with distilled or approved water source only after charging cycle is completed.
- ⇒ Check pilot cell and log book for instances of over discharge prior to charging. Investigate if SG is less than 1160 (80% DOD)
- ⇒ Ensure battery receives weekly equalising charge.
- ⇒ Inspect all cells for correct filling level.

### MONTHLY

- ⇒ Check integrity of bolted connections, and if loose, retorque to battery manufacturers specifications. If any connections are found to be heat affected or burnt contact Century Batteries.
- ⇒ Check correct function of battery accessories such as single point watering systems and maintain as instructed by Century Batteries.
- ⇒ Record in log book SG, Temperature and Voltage of all cells after equalising charge.
- ⇒ Clean top of battery with damp cloth or cleaning product approved by Century Batteries.
- ⇒ Consult Century Batteries if any of the parameters recorded show significant variations from week to week.

**CALL CYB FOR ASSISTANCE - 1300 734 580**



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### BATTERY SAFETY

#### EXPLOSIVE GASES

- ⇒ Trained personnel only to use battery.
- ⇒ No smoking, open flames or sparks near battery.
- ⇒ Never disconnect a battery whilst charging.
- ⇒ Always charge batteries in a well ventilated area.
- ⇒ When working on batteries wear eye protection, acid proof gloves and protective clothing including safety boots.
- ⇒ Always practice correct handling techniques.

### EMERGENCY PROCEDURES

#### ACID SPILLS

- ⇒ Check for danger and casualties / secure the area.
- ⇒ Treat casualties, irrigate contaminated area with water for 15 minutes / seek medical attention if necessary.
- ⇒ Cover the acid with absorbent or suitable neutraliser.
- ⇒ Clean up the spill.
- ⇒ Dispose of waste as per local authority guidelines.
- ⇒ Re-order acid absorbent from Century Yuasa.

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