

***Superior  
Battery Solution  
To Elevate your  
Game***

**CEIL**



**Golf Cart Batteries**

[www.exideindustries.com](http://www.exideindustries.com)



**Golf carts** are smooth electric transports favoured for carrying small passenger groups over short distances. Trusted for their quality and performance, Ceil Golf cart batteries from Exide have set industry standards in the country so much so that they are considered best in the country. Developed from years of accumulated experience, these batteries are manufactured to perform seamlessly under deep cyclic experiences.

## Advantages of Golf Cart Batteries



70+ years of  
Accumulated  
Expertise



Trained,  
Expert  
Manpower



High  
Cycle Life



Operating in  
Extreme  
Temperature



Efficient Deep  
Discharge  
Recovery



Low Self  
Discharge



Great Partial  
State of Charge  
Operations



Multi Locational  
Manufacturing  
Units across  
India



Global Quality  
Certification of  
ISO 9001





## PHYSICAL SPECIFICATIONS

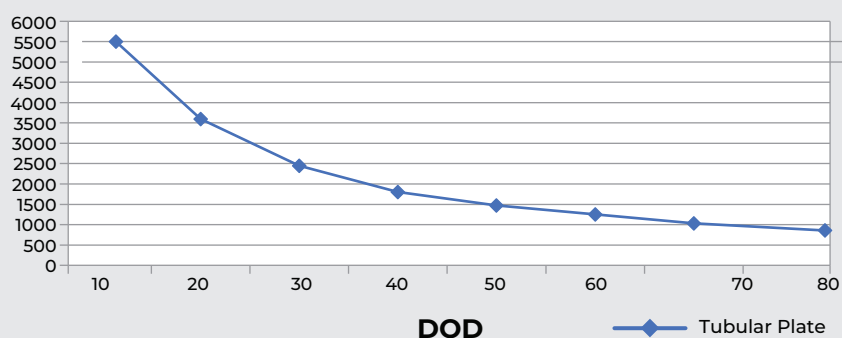
Model Name	Voltage	Cell(S)	Dimensions (mm)			Weight (kg)
			Length	Width	Height	
8C150T	8	4	261 ± 2	181 ± 2	281.5 ± 2	30.0 ± 5%
8C165T	8	4	261 ± 2	181 ± 2	281.5 ± 2	31.5 ± 5%
3EV225T	6	3	265 ± 2	184 ± 2	284.5 ± 2	30.0 ± 5%
3EV272T	6	3	265 ± 2	184 ± 2	284.5 ± 2	32.5 ± 5%

## ELECTRICAL SPECIFICATIONS

Model Name	Capacity A Minutes	Capacity B AMP-Hours (AH)			Energy Density (Wh/Kg)	Internal Resistance (mΩ)	Short Circuit Current (amps)
	80 Amps	5-Hr	10-Hr	20-Hr	5-Hr		
8C150T	—	114	137	150	33.0	—	—
8C165T	—	124	149	165	33.0	—	—
3EV225T	99	165	198	225	36.0	—	—
3EV272T	120	200	241	272	36.0	—	—

## DOD VS CYCLE LIFE DATA

### DOD VS CYCLE LIFE OF TUBULAR GOLF CART



## EFFECT OF TEMPERATURE ON CAPACITY

Acid Temperature	Battery Capacity
+30°C	100%
+20°C	95%
+10°C	90%
0°C	80%
-10°C	70%
-20°C	50%
-30°C	35%

# Do's & DONT'S

## Do's

1. Check the electrolyte level before charging & top it up with proper battery grade water as per BIS Specifications no. 1069 up to the maximum level of basket type level indicator or slightly above the separators.
2. Match the battery to the correct charger and have it checked periodically to avoid improper charging
3. Recharge the battery daily unless the battery has been lightly discharged through under utilization.
4. Give equalizing charge to the battery once in a week after normal charge.
5. Lift the battery compartment lid while charging, wherever possible, to assist ventilation and air-cooling
6. Keep the battery top and tray clean and dry at all times.
7. Keep all intercell connections and bolted terminal tight and covered with a film of petroleum jelly.
8. Check the condition of charging plug socket and cable to avoid damage of insulation and burning of contacts. Refurbish or replace as necessary.
9. Maintain regular reading of specific gravity, voltage & temperature of pilot cells in Record Book. Reading of all cells should be recorded once in a month.
10. For storage of batteries in dry and unchanged condition, plug all vent holes making them airtight.
11. For storage of batteries in charged conditions, disconnect main cables connected to it and ensure that freshening charge is given to the battery once in a month.
12. Battery charging room should be well ventilated preferably with air exhaust system to prevent the battery from over heating.

## Dont's

1. Never leave the battery in a discharged state for than a day.
2. Never top up the cells with acid.
3. Do not maintain electrolyte level high above the separator level. This may cause the acid spill out during charging.
4. Never use tap water for battery top up. Impurities in tap water can shorten the life of a battery.
5. Never over charge the battery by recharging more frequently or longer periods then necessary to restore the capacity used. Over charging spoils the battery and shortens its life drastically.
6. Avoid naked flames, sparks and smoking near a battery.
7. Never use non-insulated tools while working on batteries. Do not wear chains or loose metal bands. This is necessary to avoid any short circuit or sparks.
8. Never keep charged battery directly under sunlight or in any heated place.
9. Never use metal vessels or jug to store battery water or acid.
10. Never allow electrolyte temperatue to exceed %0 C. The charging must be suspended if it is found to exceed 50 C.



## MOST IMPORTANT

- After charging, the battery should be allowed some time to cool down.
- Battery should not be kept in a discharged condition.
- Use battery grade water only for topping up.



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