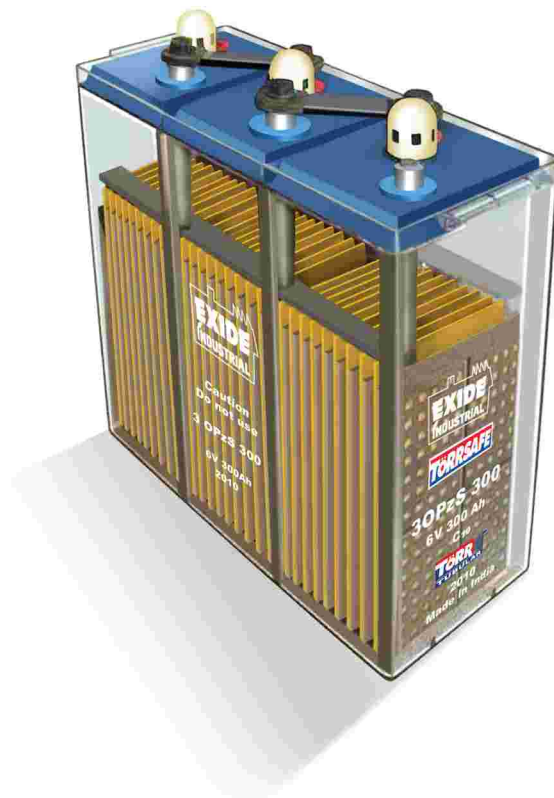




**EXIDE  
INDUSTRIAL**

## 6 Volts OPzS

COMPACT TUBULAR BATTERY  
IN TRANSPARENT CONTAINER



Exide Industries Ltd. is the largest storage battery manufacturer in South and South East Asia and has pioneered battery technology in India for over 60 years. Exide offers the latest series of 6 Volts stationary Tubular batteries in Transparent SAN containers for critical standby applications.



### Unique Design

- Transparent SAN Container.
- Proprietary Torr Tubular plates, cast at 100 bar high pressure in imported Hadi machine.
- Less than 3% antimony alloy in positive plate and lead calcium alloy in negative plate.
- 6 Volts units with cell lids for three cells separately and provision of handling each cell individually.
- Microporous and resin based separators with polyester mat backbone and smaller average pore diameters.
- Plastic encapsulated bolt-on terminals with brass inserts.
- Large electrolyte volume.
- Microporous Ceramic Vent Plugs.
- Insulated intercell copper connectors.

### Superior Features

- Easy monitoring. Better cosmetics.
- Robust. Best battery for arduous condition. Suitable for frequent discharges and high ambient temperature. Long life.
- Minimal maintenance. Topping up frequency once in 12 months.
- Very compact. Extremely Low footprint. Higher energy density.
- High temperature stability, Higher mechanical strength. Low electrical resistance. High porosity. No penetration shorts. Long trouble free operation.
- No Pillar corrosion. Resistant to wear and tear.
- Excellent thermal management.
- Arrests acid fumes and electrolyte spillage.
- Safe. No accidental short circuit. Corrosion resistant. Higher conductivity.

**Life** : 12 years in standby float application.

### Initial Charging

- The filling in specific gravity of electrolyte is  $1.220 \pm 0.005$  at  $27^{\circ}\text{C}$
- The rest period after the initial acid filling is 12-16 hours
- The initial charging current :  
Starting Rate : 12% of C10 capacity  
Finishing Rate : 6% of C10 capacity
- Total minimum Ah input is 5 times of C10 capacity
- The specific gravity of electrolyte of a fully charged cells is  $1.240 \pm 0.005$  at  $27^{\circ}\text{C}$
- **Recommended float voltage :**

Temperature	Float Voltage
<5°C	$2.24 \pm 0.02$ vpc
5°C - 35°C	$2.23 \pm 0.02$ vpc
36°C - 45°C	$2.22 \pm 0.02$ vpc

### Technical Data for Exide 6 Volts OPzS Batteries

Type	Nominal Voltage (Volts)	Capacity 10 Hrs rate at 27°C to 1.80 vpc	Operating Electrolyte Specific Gravity at 27°C ( $\pm 0.005$ )	Dimension ( $\pm 3\text{mm}$ )			Overall Height ( $\pm 5\text{mm}$ )	Weight ( $\pm 3\%$ )	
				Length (mm)	Width (mm)	Container Height (mm)		Dry (kg)	Filled (Kg)
3 OPzS 250	6 V	250	1.240	487	187	388	440	40.0	64.5
3 OPzS 300	6 V	300	1.240	487	187	388	440	44.5	68.0

**Go For TÖRR TUBULAR**  
 ● Spines cast in HADI machine at 100 Bar  
 ● Higher reliability, longer life



\*Applied for

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