

### 1,000 Liter Capacity



Single Wall Horizontal Aboveground Fuel Tank for diesel fuel. For bulk supply of diesel fuel for generators. Built-in impact protected glass gauge for convenient and quick inspection of fuel level. Manufactured using sheet of carbon steel generally recommended for diesel fuel tanks. Thick enough to prevent tank implosion and bloating during ambient temperature changes. Shell thickness and joints conform to UL142 Standards for Steel Aboveground Tanks for Flammable and Combustible Liquids. Fitted with access ladder for comfortably refilling or conducting visual inspection of the interior. Access ladder can be fitted to either left or right side of the tank. Top manhole for access during interior tank cleaning. NFPA compliant hazard diamond decal. 1,000 liter capacity.

### Features:

- 3.0 mm carbon steel tank shell.
- Access manhole for refilling, inside tank cleaning, or visual checks.
- Left or right ladder mounting.
- Gooseneck vent.
- Provision for fuel level sensor (float type).
- Separate fuel supply and return connection.
- Glass gauge for quick check of fuel level.
- Fitted with drain pipe with cap.

### Specifications

Capacity (L)	1,000
Type	Single Wall
Dimensions (mm) L x W x H x Dia.	1620 x 1950 x 1260 x 1000
Dry Weight (Kg)	250
Operating Pressure	Atmospheric
Pressure Tested (Psig)	5.0
Tank Shell Material	Mild Carbon Steel
Tank Shell Thickness (mm)	3.0
Tank Head Thickness (mm)	5.0
Construction	Butt weld
Interior Finish	None
Exterior Finish	Epoxy Primer Gray

Note: Due to continuous product improvement, the manufacturer reserves the right to change the design or specification without notice and without any obligation or liability whatsoever.

### Application Notes

Cylindrical tank volume (V) calculation:

$$V = \pi r^2 \times (L)$$

The diagram shows a horizontal cylinder. The length is labeled 'L', the diameter is labeled 'D', and the radius is labeled 'r'.

Given: L = 1620 mm, Dia. = 1000 mm (r = Dia÷2 = 500)

$$\begin{aligned} V &= 3.1416 (500)^2 \times (1620) \\ V &= 3.1416 (250000) \times (1620) \\ V &= (785400) \times (1620) \\ V &= 1272348000 \text{ (mm}^3\text{)} \end{aligned}$$

to convert mm<sup>3</sup> to litres:

$$\begin{aligned} V &= \text{mm}^3 \div 1000000 \\ V &= 1272348000 \div 1000000 \\ V &= 1272.348 \text{ (litres)} \end{aligned}$$

**Note:** Actual fill volumes may differ. Tank volume calculations are based on tank geometries shown above. These tank shapes are calculated assuming exact geometric solid shapes such as cylinders, circles and spheres. Actual fuel tanks may not be perfect geometric shapes or might have other features not accounted for here so, these calculations should only be considered estimates.

Manufactured by:

**Powercity Electromechanical & Equipment Co Ltd**  
Fujian, China

Distributed in the Philippines by:

**Powercity Corporation**  
Km. 20, East Service Road, Muntinlupa City  
Metro Manila, Philippines  
Tel. (+632) 869 1991, (+632) 8697520  
Fax. (+632) 8693869  
Email: [contactus@powercity.ph](mailto:contactus@powercity.ph)

Made in China