

54ZH. Hydrogen cylinder with integrated valve.



The 54ZH Hydrogen cylinder

Description The BOC 54-ZH composite hydrogen cylinder is a lightweight, easy to use hydrogen packaged designed for use with fuel cells but appropriate for any application where portability is important. When used with with BOC Hymera hydrogen fuel cell generator, the 54-ZH is a source of clean, silent portable electrical power and is capable of producing up to 3kWh of electrical energy (assuming a 50% efficient fuel cell generator).

Advantages

- Lightweight
- Easy to use with integrated valve and adjustable pressure regulator
- Wide base gives stability

Applications

- Fuel cell generators including the BOC Hymera Hydrogen Fuel Cell Generator
- Electrical energy source for remote applications
- Backup power
- Portable gas analysers

Key Specs and features

- H₂ contents: 2 Nm³
- Tank pressure: 300 barg
- Total mass (including regulator): ~10kg
- Outlet connection: G3/8 left-hand thread
- Integrated 'Open/Close' shut-off valve
- Integrated regulator – outlet pressure adjustable between 0 and 10 barg
- Outlet check valve (H₂ only released when hose attached)

BOC

The Priestley Centre, 10 Priestley Road, The Surrey Research Park, Guildford, Surrey GU2 7XY, United Kingdom
Tel +44 1483 579 857, Fax +44 1483 505 211, www.BOCOnline.co.uk