Product datasheet (en)

Version:	1200-17_24.09.2014

Photo:

Name:

H2 Charger

Item number:

1200-17

Youtube link:

Area of application:

Physics
Chemistry
Technology Training
Chemical and Environmental Engineering

Dimensions (cm x cm x cm):

Weight (kg):

User group:

Basic Training
Advanced Training
Application Training
Middle School / Junior High School
Highschool / Secondary School

Description:

The H2 Charger is an independent and easy solution for the production of hydrogen. The system is compatible with all PEM-fuel cell systems of the leXsolar experimentation kits. Components like gas cylinders are not needed as the hydrogen is stored directly in the metal hydride storage of the H2 Storage.

Technical data:
Weight: 1.8kg
Usable water: de-ionized or distilled water (10 ... 40°C)
Water usage: approx. 20ml/h
Release pressure: 0-3.0 MPa

Gas generation: up to 3 l/h
Purity of produced hydrogen: 99.99%
Charging time for one H2-Storage: approx. 4 hours