

SOLAR HYDROGEN STARTER SET

Introduction to Fuel Cell Technology.

T101 TutorialRFCSet

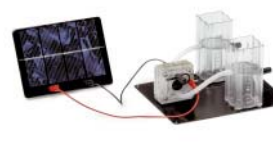
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Air-breathing Set-up



Solar Hydrogen Production



Modular solar hydrogen system consisting of reversible fuel cell RFC H₂/O₂/Air, two gas storage tanks and black base plate; for production, storage and utilization of hydrogen and oxygen. Operation as air-breathing fuel cell is possible as well. Fan Tutorial, Solar Module Tutorial, Battery Box and textbook included.

Specifications

Electrolyser mode:	5 cm ³ /min H ₂ ; 2.5 cm ³ /min O ₂ ; 1.16 W
Fuel cell mode:	H ₂ /O ₂ : 500 mW H ₂ /Air: 150 mW
Gas storage:	30 cm ³ H ₂ ; 30 cm ³ O ₂
Solar module:	2.0 V / 600 mA
Battery Box:	4.5 VDC / 0.8 A
Fan:	10 mW
Cable length:	250 mm
H x W x D:	90 x 170 x 135 mm
Weight:	1.1 kg

SOLAR HYDROGEN AUTOMOTIVE SET

The future of automobiles.

T107 TutorialHyRunner

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This model of a hydrogen car is equipped with a reversible fuel cell with which the car can produce its own hydrogen when an external voltage is applied. Charging time: approx. 2 min. with PowerSupply, approx. 7 min. with Battery Box and approx. 9 min. with Solar Module Tutorial under sunlight. Running time approx. 8 min. PowerSupply, Battery Box, Solar Module Tutorial and textbook included.

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Gas storage:	30 cm ³ H ₂ / 30 cm ³ O ₂
Solar module:	2.0 V / 600 mA
Battery Box:	4.5 VDC / 0.8 A
Power supply:	1.2 A
H x W x D:	100 x 115 x 260 mm
Weight:	1.3 kg

Solar Car



Modular System



Electrolyser Mode: Hydrogen Production

