



COMPATIBLE WITH
AEROSTAK PEM FUEL CELLS SYSTEMS
H₂ PRESSURE REGULATOR

EN 12245 CERTIFICATION

F-SERIES PRESSURIZED H₂ GAS CYLINDERS 300 BAR

PRESSURE REGULATOR SOLD SEPARATELY

H²Dynamics

F-Series cylinders are designed and manufactured in conformity with EN 12245. The Series F have a working pressure up to 300 bar and a M18x1.5 thread compatible with our ultra-light pressure regulator.

	Weight ¹	Water Capacity	Hydrogen Mass	Dimensions	Specific Energy	Energy Density	Electrical Energy ²
F2	1.46 kg	2 L	42 g	∅ : 114 mm L : 371 mm	3 477 kJ/kg	2 538 kJ/L	705 Wh
F3	1.75 kg	3 L	63 g	∅ : 120 mm L : 445 mm	4 351 kJ/kg	2 538 kJ/L	1 060 Wh
F6	2.89 kg	6 L	127 g	∅ : 161 mm L : 481 mm	6 269 kJ/kg	2 538 kJ/L	2 115 Wh
F6.8	3.09 kg	6.8 L	144 g	∅ : 161 mm L : 520 mm	5 585 kJ/kg	2 538 kJ/L	2 400 Wh
F7.2	3.29 kg	7.2 L	152 g	∅ : 166 mm L : 550 mm	5 554 kJ/kg	2 538 kJ/L	2 540 Wh
F9	4.06 kg	9 L	190 g	∅ : 186 mm L : 545 mm	5 626 kJ/kg	2 538 kJ/L	3 175 Wh
F13³	6.50 kg	13 L	275 g	∅ : 225 mm L : 542 mm	5 076 kJ/kg	2 538 kJ/L	4 583 Wh

¹ Excluding Pressure Regulator, in Light Version

² Estimated at 50 % efficiency

³ Goes up to 310 bar