

Stack H 300

The ready to use fuel-cell stack!



Plug and play hydrogen fuel-cell stack
Ultra-compact and lightweighting PEM fuel cell,
ideal for demonstration systems, for all your small
portable applications and vehicle integration

Compatible with:
electrolysers Hy-PEM XP
cartridges MyH2

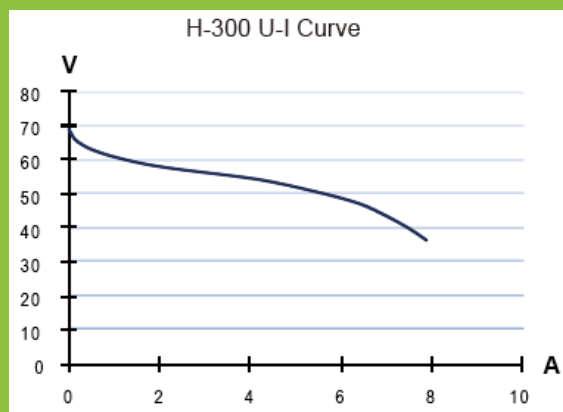
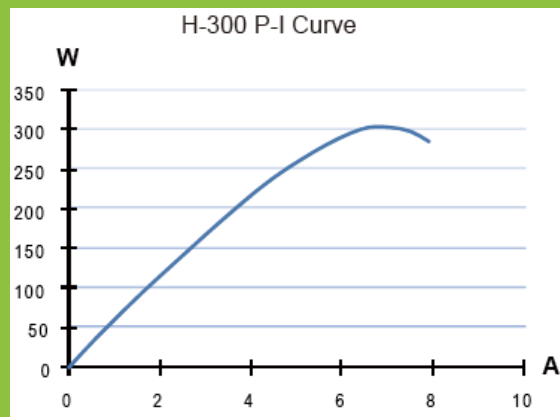


Smaller and lighter stack, better performance, reliability and easy to install !



H 300

Type of fuel cell: PEM
Numbers of cells: 72
Rated power: 300W
Performance: 43,2V@12A
H2 supply valve voltage: 12V
Purging valve voltage: 12V
Blower voltage: 12V
Reactants: hydrogen and air
External temperature: 5 to 30°C
Max stack temperature: 65°C
H2 pressure: 0,45-0,55bar
Hydrogen purity: 99,995% dry H2
Humidification: self-humidified
Cooling: air(integrated cooling fan)
Weight(with fan&casing): 2050g (±50g)
Controller: 400g (±30g)
Dimension: 28x11,2x9,5cm
Flow rate at max output: 3,9l/min
Start up time: 30S at ambient temperature
Efficiency of stack: 40% at full power



OPTIONAL:

Pressure regulators, quick connection kit and electrovalves, DC-DC, DC-AC, ultracapacitors, mass flow meters, compatible electrolysers and metal hydrides canisters, etc.

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