VisFlow
container
module

visblue
energy in the flow

Technical specifications

POWER AND CAPACITY

Power [kW]		Scalable up to 40 (in steps of 8)
Capacity [kWh]		Scalable up to 200
FOR LARGER SYSTEMS MULTIPLE MODULES CAN BE ASSEMBLED		
Peak charge/discharge power	1.5 x nominal power	30 min. on/off
DC efficiency (stack) [%]	80	DC roundtrip includes both charge/discharge efficiency
AC efficiency (system) @ nominal power [%]	65	AC roundtrip includes both charge/discharge efficiency
DC voltage [V]		40 to 60
AC voltage [VAC]	1 x 230	3 x 400 50Hz
Grid connection [phase(s)]	1	3
Depth of charge/discharge [%]		10 to 80
Response time [ms]		<20
Self-discharge	<0.3% of full capacity per day (pumps stopped)	<100Wh per day for 33kWh systems

REMOTE ACCESS

Communication	Remote access through LAN	Modbus TCP (address list upon request)
Battery control	Charge/discharge is controlled by input from energy meter	Charge/discharge is controlled by input from external master

REMOTE MONITORING

Cloud access		Data accessible from cloud
Webpage	Visualisation of front-end data	Visualisation of back-end data

SIZE AND MASS

Container size [ft]	20
Footprint [mm] (W x D)	2440 x 6060
Height [mm]	2590
Weight [kg]	17200
Design life [cycles/years]	20,000/20

ENVIRONMENT

Ambient temperature [°C]		-10 to +40
Humidity		95% RH non-condensing
Ventilation	Site-dependent	Cooling/heating can be installed
Safety	Non-flammable and non-explosive	Water-based electrolyte

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