

360 kWh Configuration VisFlow 60

TECHNICAL SPECIFICATIONS

FOR LARGER SYSTEMS MULTIPLE MODULES CAN BE ASSEMBLED
FOR MULTIPLE MW SIZED INSTALLATIONS

3 MODULES = 1 MW DELIVERED OVER 6 HOURS

Lowest price per MWh stored or discharged (LCOS) of any storage technology

INDIVIDUAL MODULE SPECIFICATIONS

POWER [kW]	Scalable up to 60 (in steps of 10)
CAPACITY [kWh]	Scalable up to 360
PEAK CHARGE/DISCHARGE POWER	1.1 X nominal power 5 min. on/off

DC EFFICIENCY (STACK) [%]	87
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DC ROUNDTRIP INCLUDES BOTH CHARGE/DISCHARGE EFFICIENCY

AC EFFICIENCY (SYSTEM) @ NOMINAL POWER [%]	67
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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 [%]	3 TO 80
RESPONSE TIME [MS]	< 20 (1/200th of a second)
SELF-DISCHARGE	< 1 % annually

ANNUAL YEARLY TOP-OFF MAINTENANCE AVAILABLE

LIFESPAN	20, 30, 40 years
CYCLE COUNT	20,000+ (54 years @ 1 CYC/day)
CAPACITY AT YEAR END	99% (100% with annual refresh service)

CONTACT INFORMATION

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COMMUNICATION

Remote access through LAN/wireless
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

CLOUD ACCESS WEBPAGE

Data accessible from cloud/web
Visualization of front-end data
Visualization of back-end data
Visualization of operational state & SoH

INSTALLATION SECURITY TRACKING

Secure installation available
Location monitoring & tracking available

CONTAINER SIZE [ft - m] FOOTPRINT [mm] (W x D) HEIGHT [mm] WEIGHT TANKS/RACK [kg] DESIGN LIFE [CYCLES/YEAR]

20' - 6.06 m
2440 x 6060 (2.44 m x 6.06 m)
2590 (2.59 m)
29700
20,000+ cyc, 20+ yrs (Unlimited)
Note: 20,000 cycles at 1 per day = 54.7 years

ELECTROLYTE TEMPERATURE [°C] HUMIDITY VENTILATION SAFETY

0 to +35 (Cooling installed)
0 to 95% RH Non-condensing
Site-dependent | Cooling installed
Non-flammable and non-explosive
water-based electrolyte
NO THERMAL RUNAWAY POSSIBLE

CONTACT INFORMATION

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