



Modular



Stackable



Built-in Fire
Suppression



Bluetooth
& Wi-Fi



Monitor via
Android or iOS App

ENVA 60 HV

BATTERY MODULE PARAMETERS

Cell Chemistry	Lithium Iron Phosphate (LiFePO4)
Cell Capacity [Ah]	100
Battery Module Cell Configuration	1P16S
Battery Module Rated Energy [kWh]	5.12
Ideal Charge/Discharge Current [A] ¹	≤25/≤50
Max. Charge/Discharge Current [A] ¹	50/100

SYSTEM PARAMETERS

Rated Energy [kWh]	61.44 (12 modules)
Nominal Voltage [V]	614.4
Voltage Range [V]	518.4 – 691.2
Cycle Life	≥6000 cycles @ 80% DoD @ 25°C
Max. DoD - Off-grid / Back-up ²	95%
Max. Parallel Battery Banks	5
Installation Method	Stackable with brackets
Ingress Protection	IP20
Inverter Communication Interface	CAN

ENVIRONMENTAL PARAMETERS

Charge Temperature Range [°C]	0 – 50
Discharge Temperature Range [°C]	-20 ~ 55
Optimal Temperature Range [°C]	15 ~ 30
Relative Humidity [%]	5 ~ 95 (no condensation)
Max. Operating Altitude [m]	≤4000

PHYSICAL PARAMETERS

Dimensions - H x W x D [mm] ³	1960x550x596
Weight [kg]	720
Battery PACK Modules	12 (1P16S each)

GENERAL DATA

Standards & Certifications	IEC62619, IEC62040, IEC61000, UN38.3
Warranty	5 years or 6000 cycles @ 80% DoD
Service Life	>15 years (>6000 cycles) @ 80% DoD

Notes to Specification Sheet

1. Max current duration 5 min every 30 min. Derating applies outside optimal temperature range.
2. DoD = Depth of Discharge. Max 95% DoD under off-grid and back-up application. Recommended 80% DoD for daily cycle use.
3. Dimensions exclude protuberances such as plugs.

Speak to Our Team

Contact us for project enquiries, technical guidance or additional product information.

Plug into The Current Future

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