


HIGH VOLTAGE LI-ION HOME BATTERY


Easy Installation


Easy Snap-On installation, one person installation (battery module <32 kg). Ultra-thin profile (179 mm).


Flexible Capacity from 3 – 24 kWh


Stack on modules, allowing easy expansion on storage capacity.


 The First Home Energy Storage Battery with Fire Extinguisher Integrated

 LFP – Proven Safe Battery Chemistry

 -20°C Cold Climate Outdoor & Indoor Installation

 Electric Vehicle Grade Battery Module Design

 Auto-active Heating for Cold Climate Usage

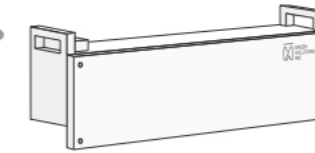
 Radiation Cooling for Hot Climate Usage



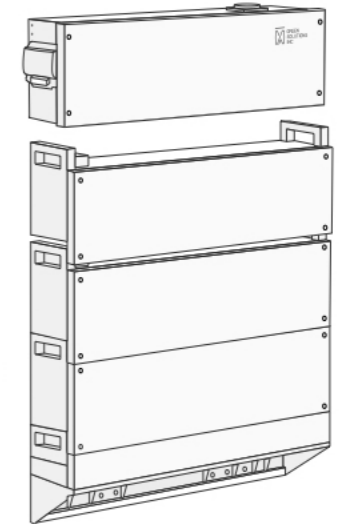
MODULE

GENERAL		E3		ELECTRICAL	
Battery Type	LFP	Nominal/Usable Energy	3.1/2.9 kWh	Nominal Dc Voltage	102.4 V
Number of Modules	1	Max.Power	3.1 kw	Max. Current	30A
Dimension (DxWxH)	179*750*210 mm	Voltage Range	80 ~ 115.2 V		
Weight	30.7 kg				
Ingress Rating	IP66				

Single battery pack
179*750*210 mm



Assembled battery
179*750*210 mm*N



STACK

GENERAL	EH6	EH9	EH12	EH15	EH18
Battery Type	LFP				
Number of Modules	2	3	4	5	6
Dimension (D*W*H)	179*750*670 mm	179*750*880 mm	179*750*1090 mm	179*750*1300 mm	179*750*1510 mm
Weight	76.4 kg	107.2 kg	137.9 kg	168.6 kg	199.3 kg
Ingress Rating	IP66				

ELECTRICAL					
Nominal/ Usable Energy	6.1/5.8 kWh	9.2/8.8 kWh	12.3/11.7 kWh	15.4/14.6 kWh	18.4/17.5 kWh
Nominal DC Voltage	204.8 V	307.2 V	409.6 V	512.0 V	614.4 V
Max. Power	6.1 kW	9.2 kW	11.7 kW	15.4 kW	18.4 kW
Max. Current	25 A				
Voltage Range	160.0 ~ 230.4 V	240.0 ~ 345.6 V	320.0 ~ 490.6 V	400.0 ~ 576.0 V	480.0 ~ 691.2 V
DC Efficiency	95.4%				

OPERATION	
Temperature Range	-20 °C ~ 55 °C
Humidity Range	5 ~ 90%

OTHER	
Energy Expansion	Stackable Up to 6 Modules
Communication	CAN and RS485

CERTIFICATION	
Safety	IEC62619, UL1973
Transportation	UN38.3