

NOVGEN

ALTAIR HVS BATTERY -2.56kWh



HIGH VOLTAGE BATTERY

7.68 to 15.36 kWh



SAFE

- Modular design with plug-in connections
- Quick connections between battery and inverter
- Quick & easy-to-install with basic tools



RELIABLE

- IP65 rated design
- High quality cell inside
- Aerosol Protection as fire extinguisher
- 10 years warranty



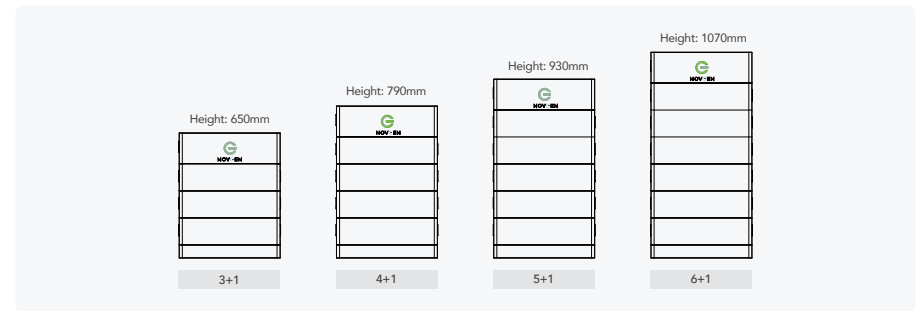
USER-FRIENDLY

- Stackable and expandable up to 15.36kWh (6 modules)
- Multi-use applications: self consumption, peak shaving, off-grid, customized mode
- Online monitoring via Novgen apps

Technical Parameters

BATTERY MODULE		Altair HVS Battery - 2.56 kWh			
SYSTEM DATA	Cell Type	LiFePo4			
	Module Quantity	3	4	5	6
	Nominal Energy 1	7.68 kWh	10.24 kWh	12.8 kWh	15.36 kWh
	Usable Energy 2	6.91 kWh	9.21 kWh	11.52 kWh	13.82 kWh
	Nominal Voltage	153.6V	204.8V	256V	307.2V
	Operating Voltage	144V-172.8V	192V-230.4V	240V-288V	288V-345.6V
GENERAL DATA	Nominal Charging / Discharging Current	25 A			
	Max. Charging / Discharging Current	40 A			
	Dimensions (W/H/D)	525x650x370mm	525x790x370mm	525x930x370mm	525x1070x370mm
	Weight	110 kg	140 kg	170 kg	200 kg
	Battery Module Weight	31kg			
	Installation Location	Indoor / Outdoor			
	Mounting Method	Floor mounted			
	Operating Temperature Range	Charge: 0°C - 55°C Discharge: -20°C - 55°C			
	Storage Temperature Range	-20°C - 45°C			
	Cooling Concept	Natural convection			
	Degree of Protection	IP65			
	Relative Humidity	5% - 95 %, non-condensing			
Communication	CAN				
Certification	IEC 62619 / EN 61000 IEC 62040 / UN38.3				
Life Cycle	6000 times				
DOD	90 %				
Compatible Inverters	Novgen, Megarevo, Solplanet, Growatt				

1. Nominal energy is defined under the following conditions: cell voltage 2.0-3.65V, 1C charge & discharge at +25°C.
 2. Usable energy is defined under the following conditions: 90 % DOD, 1C charge & discharge at +25°C.
 Usable energy may vary depending on discharge, charge, environmental conditions and SOC % limits defined by the user.
 3. Life cycle is defined under the following conditions: 70 % DOD, 0.5C charge & discharge at +25°C.
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