

Pack Specifications.

Model Name	Faradion WESTNAB
Electrical Specification	
Nominal Energy	11.5 kWh
Usable Energy	9.5 kWh
Nominal DC (battery) Input voltage	48VDC
DC (battery) voltage range	43-53VDC
Max. DC (battery) current	60A
Continuous Charge/Discharge	C/3
Overcharge Protection	Yes
Cell roundtrip efficiency	~95% @ C/5
Demo unit roundtrip efficiency	~90% @ C/5
Communication protocol	CANBus

Mechanical/Environmental Specification	
Dimensions (W x L x H)	58 cm x 31.5 cm x 132 cm
Weight	190 kg
IP Rating	IP20
Installation	Floor standing
Cooling method	Natural Cooling + Fan Assisted Ventilation

Operating Temperature Range	-20°C to 45°C
Recommended Ambient Temperature range	0°C to +30°C
BMS Cutoff Temperature	55°C
Storage Temperature Range	-20°C to + 45°C
Humidity Range	0-85% RH, Non-condensing

Demonstrated compliance with
IEC 61000-4
EN 61000-3-2:2015-03 EN 61000-6-1:2007 EN 61000-6-3:2007 + A1:2011
IEC 62619:2017
UN38.3

Pack Warranty / cycle life.

The Product will have an initial usable energy capacity of 9.5 kWh and will retain usable energy capacity as shown in the table below:

Application	Energy Retention (column 1)	Operating Limitation (column 2)
Solar self-consumption/ backup only to which both columns 1 and 2 apply	Minimum 70% of the initial usable energy capacity up to 10 years following the Installation	No limit on cycles within the 10 years following Installation
Any other application or combination of applications, the first to occur of columns 1 and 2, after which the other column will no longer be warranted	Minimum 70% of the initial usable energy capacity up to 10 years following the Installation	21.0 MWh of aggregate throughput (measured at DC-battery output)