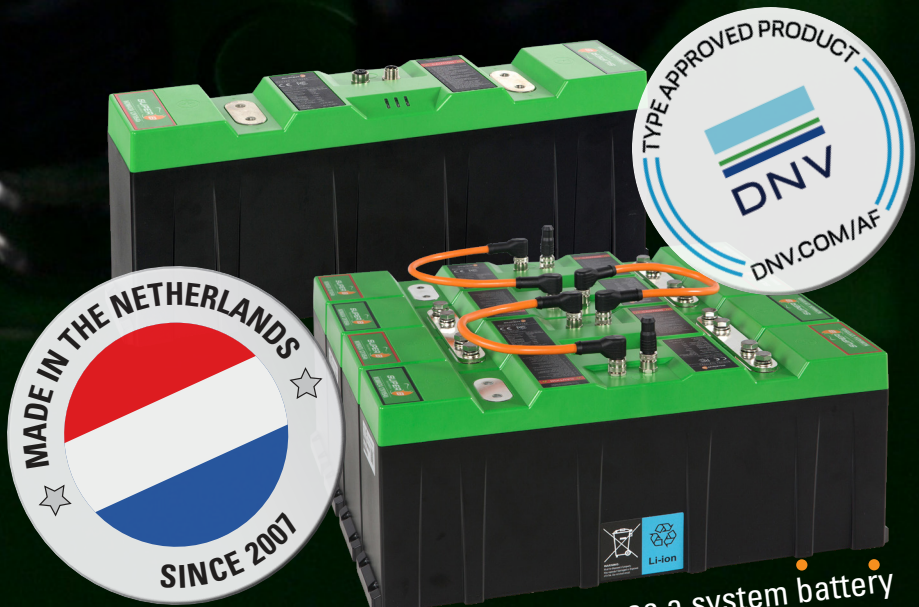




NOMADA 12V105Ah

**COMPACT, LIGHTWEIGHT
AND MODULAR DESIGN**



Designed for use as a system battery

NOMADA 12V105Ah

The Nomada 12V105Ah is a modular Lithium Iron Phosphate (LiFePO₄) rechargeable battery with a rated capacity of 105 Ah. This new addition to our portfolio of lithium batteries has a compact and lightweight modular design which means you can easily scale up your energy system. The Nomada is mainly designed for use as a system battery and not as a stand-alone battery.

This makes the battery extremely suitable for multiple applications like marine, off-highway vehicles, material handling, energy storage, UPS, and commercial vehicles.

PERFORMANCE



Modular design



Low weight



Fast charging



Compact size



High discharge currents



High cycle count (>5000 cycles)



LiFePO₄

TECHNICAL SPECIFICATIONS

Nominal voltage	12.8V
Nominal capacity	105Ah
Energy	1344Wh
Charge method	CCCV
Recommended charge voltage	14.3V until 14.6V
Max charge current	105A
End of discharge voltage	10V
Discharge current continuous	315A
Discharge pulse current (10 sec., Soc >60%)	525A
Weight	10kg / 22 lbs
Charge temperature range	0°C to 55°C ¹
Discharge temperature range	-20°C to 55°C
Storage temperature range	-20°C to 45°C
Dimensions LxWxH (in mm)	437 x 90 x 175
Certifications	CE, FCC, UN 38.3, DNV, UL 1642 (Cells), UN ECE R10.06, EN/IEC 6260 (ESTRIN)

¹Do not charge below 0 °C