BE IN CHARGE WITH THE

NOMADA 12V105AH

The Nomada series by Super B features **modular LiFePO$_4$ batteries** designed for seamless integration into energy systems. Lightweight and compact, they offer flexible scalability, ideal for applications where space is limited but energy needs keep growing. Built for system use, not stand-alone operation, Nomada batteries are made to work together.





The LT (low temperature) version of the Nomada has smart heating capabilities, ready for temperatures down to -30°C.

Nomada: built to scale. Ready to connect.

Nomada lets you design your energy system with precision. Whether it's for a vessel, industrial setup or stationary system, you install exactly what you need. Modular, reliable, and ready to perform in any configuration.

ELECTRICAL SPECIFICATIONS

Nominal Capacity	105Ah
Energy	1344 Wh
Open Circuit Voltage	13.2V
Self-discharge	Max. 3.9% idle / max. 24.9% active (incl. BMS)
Cycle Life	>3500 cycles (100% DoD)
Voltage	12V

CHARGE & DISCHARGE SPECIFICATIONS

Charge Method	CCCV
Charge Voltage	14.3V - 14.6V
Max. Charge Current	105A
End of Discharge Voltage	10V
Discharge Current Continuous	105A
Discharge Pulse Current	315A (30 sec)

GENERAL SPECIFICATIONS

EAN-13	8718531361799
Battery Designation	IFpP/36/130/195/ [1P4S] M/-20+55/90
Nominal Voltage	12.8V

COMPLIANCE SPECIFICATIONS

Certifications	CE, UKCA, FCC, UN 38.3, DNV, UL 1642 (Cells), UN ECE R10.06, EN/IEC 62619-62620 (ESTRIN)
Shipping Classification	UN 3480

MECHANICAL SPECIFICATIONS

Dimensions (L×W×H)	437 x 90 x 175 mm / 17.2" x 3.5" x 6.9"
Weight	10 kg / 22 lbs
Case Material	PC-ABS | UL94-V0
Ingress Protection	IP66
Cell Type / Chemistry	Prismatic – LiFePO$_4$

TEMPERATURE SPECIFICATIONS

Charge Temperature	0°C to 55°C / 32°F to 131°F
Discharge Temperature	-20°C to 55°C / -4°F to 131°F
Storage Temperature	-20°C to 45°C / -4°F to 113°F

TEMPERATURE SPECIFICATIONS LT-VERSION

Charge Temperature	-30°C to 55°C / -22°F to 131°F
Discharge Temperature	-30°C to 55°C / -22°F to 131°F
Storage Temperature	-20°C to 45°C / -4°F to 113°F