BE IN CHARGE WITH THE

NOMIA 12V340AH-SIL

The Nomia series by Super B **offers high-capacity LiFePO$_4$ batteries** for larger motorhomes, boats, and mobile power systems. Built for reliability and long life, they deliver strong performance, require no maintenance, and can be easily daisy-chained to expand capacity.





Nomia: energy storage made smart and space-efficient.

There are moments when you can't afford compromise, when your system needs to deliver, day after day, year after year. With high capacity and the ability to daisy-chain units, the Nomia is built for users who need serious power with maximum flexibility.

ELECTRICAL SPECIFICATIONS

Nominal Capacity	340 Ah
Energy	4352 Wh
Open Circuit Voltage	13.2V
Self-discharge	Max. 3.5% idle / max. 8.3% active (incl. BMS)
Cycle Life	>4000 cycles (100% DoD)
Voltage	12V

CHARGE & DISCHARGE SPECIFICATIONS

Charge Method	CCCV
Charge Voltage	14.2 V
Max. Charge Current	300A
End of Discharge Voltage	10V
Discharge Current Continuous	300A
Discharge Pulse Current	900A (30 sec)

GENERAL SPECIFICATIONS

EAN-13	8718531362512
Battery Designation	IFpP/41/173/205/ [2P4S] M/-10+60/95
Nominal Voltage	12.8V

COMPLIANCE SPECIFICATIONS

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

MECHANICAL SPECIFICATIONS

Dimensions (L×W×H)	417 x 227 x 314 mm / 16.4" x 8.9" x 12.4"
Weight	33 kg / 72.7 lbs
Case Material	GFRP
Ingress Protection	IP50
Cell Type / Chemistry	Prismatic – LiFePO$_4$

TEMPERATURE SPECIFICATIONS

Charge Temperature	0°C to 60°C / 32°F to 140°F
Discharge Temperature	-10°C to 60°C / 14°F to 140°F
Storage Temperature	-20°C to 45°C / -4°F to 113°F

The Nomia 12V340Ah-SIL is the SIL (Safety Integrity Level) variant of the Nomia 12V340Ah and meets stringent safety standards. All specifications are identical to the Nomia 12V340Ah, except for:

- *Charge Voltage = 14.2V*
- *Discharge Temperature = -10 °C to 60 °C / 14 °F to 140 °F*