300AH ADVANCED LITHIUM BATTERY

CATEGORY:
LITHIUM BATTERIES

MODEL TYPE:
GP-ADV-LIFEPO4-300

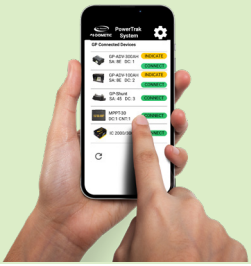
IDEAL FOR:

10 YEAR PRORATED WARRANTY

SYSTEM CONTROL AT YOUR FINGERTIPS

Unlock the full potential of your RV's power system with the Go Power! Connect app!

Get real-time insights into your solar charging stats, battery levels, and power consumption on your mobile device. Monitor performance, and set inverter and charging parameters. Available on the iOS and Android app store.



GP-ADV-LIFEPO4-300

Advanced 12V 300Ah Lithium Battery adds enhanced safety and communication features to our flagship lithium battery line. This lightweight, Bluetooth®-enabled LiFePo4 battery has an advanced BMS, temperature management system, a built-in DC heater, and auto-cell balancing for larger battery banks. Can be wired in series or parallel. ETL listed to UL specifications and UKCA certified.

KEY FEATURES

- **BLUETOOTH® - ENABLED, SMART FEATURES**
- **IP68 WATERPROOF (SHOULD NOT SUBMERGE)**
- **BUILT IN DC HEATER**
- **INTERNAL BATTERY MANAGEMENT SYSTEM**
- **POWERTRAK COMPATIBLE**
- **QUICK CHARGING**
- **LIGHTWEIGHT**
- **UKCA CERTIFIED**

UK CA UN38.3 UL CERTIFIED CE

Go Power! | DOMETIC

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SPECIFICATIONS

Technology	Lithium Iron Phosphate
Nominal Voltage	12.8 V
Fully Charged Voltage (FC)	14.6V
Fully Discharged Voltage (FD)	9.2V
Capacity	300Ah
Recommended Discharge Terminated Voltage	10V
Battery Discharge Terminated Voltage	9.2V
Battery Charge Voltage	14.2V
Maximum Charge Current	200A
Max Continuous Charge Current	200A
Max Continuous Discharge Current	200A
Max Continuous Discharge	200A
Max Discharge Current (Surge)	400A
Discharge Cut-off Voltage	8.4 V
Heater Function	Battery pack includes heater for heating cell module temperature up when battery pack is charged in a freezing environment
Standard Charge Method	0.2C CC (constant current) charge to FC, then CV (constant voltage FC) charge till charge current decline to ≤ 0.05C
Inner Resistance	≤ 10 mΩ
Certifications	ETL, CE, UKCA, UN38.3, UL 2054
Operating Temperature	Charge: -4°F (-20°C) to 131°F (55°C)
	Discharge: -4°F (-20°C) to 131°F (55°C)
Storage Temperature[1]	1 month: > 113°F (45°C) to 131°F (55°C) - Max 80%
	3 months: > 77°F (25°C) to 113°F (45°C) - Max 80% RH
	6 months: > -4°F (-20°C) to 77°F (25°C) - Max 80% RH
Humidity	Operating: 5% to 90 % RH Storage: 45% to 85% RH
Internal Heater Energy Draw when ON	150W
BMS Leakage Current	35mA in on mode; <20μA during off mode
Communication	Bluetooth® (Use with Go Power! Connect app)

Specifications may be subject to change. Product may not be exactly as shown.
Specifications subject to local environmental conditions.

MECHANICAL

Length	19.6 in / 498 mm
Width	14.9 in / 379 mm
Height	8.11 in / 206 mm
Weight	70.5 lbs / 32 kg
Terminals	P+/P- : M8 Torque: 10.8 - 12.7 Nm (95.59 - 112.40 in*lbs)
Carrying	Recessed Handles

MATERIALS

Case and Cover	ABS

BATTERY CONNECTION CABLES

*SOLD SEPARATELY

PART NUMBER	FUNCTION
GP-RVC-BCR-ADV LFP TERMINATOR	Battery End Cap Terminating Resistor
GP-ADV-BC-400-ADV LFP INTER-BATT HARNESS, 400MM	100Ah Battery Inter-Connect Cable
GP-RVC-BC-ADV LFP RV-C SYSTEM HARNESS	System Connection Cable

[1] Rated Capacity tested at 77°F (25 ±5 °C)
[2] Maximum storage time before recharging is 6 months
[3] Cycle Life tested at 77°F (25°C)

PLEASE NOTE

Lithium batteries ship under Class 9 Dangerous Goods PI 965 Section IA, which requires special carrier instructions. Please contact your carrier company to determine their requirements for shipping. MSDS Sheets are available upon request.

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