

# ***PRO-POWER***



## ***PRO-POWER BATTERY SERIES*** ***DATA SHEET***

The Ultimate Direct Replacement  
for Truck/Equipment Battery Boxes

# KEY FEATURES

## LITHIUM LIFEPO4 BATTERY

*Rechargeable battery with integrated BMS*

Data Sheet | Model no. PPPC-12

Tired of sacrificing power or payload? The Pro-Power Series delivers massive amounts of energy as a direct, zero-compromise replacement for your existing battery bank, finally letting you eliminate idling and reduce weight without complex installations.

1

**Massive Energy for Hotel Loads:** Run electronics for extended periods without idling.

2

**0 Net Weight Gain, 0 Frame Space Required:** Directly replaces lead-acid banks.

3

**Integrated BMS with Bluetooth telemetry** via the Pro-Pak app.

4

**Rugged and Easy-Install Design.**

**6-8X LONGER LIFE**  
**VS. LEAD ACID**



# TECHNICAL SPECIFICATIONS

Specification	12V 942Ah (PPPC-12)	24V 628Ah (PPPC-24)
Configuration	Single Unit	2 x PPPC-24 in Parallel
Nominal Voltage	12.8V	25.6V
Rated Capacity	942Ah	628Ah
Energy	12KWh	16KWh
Internal Resistance	≤0.18mΩ	≤0.18mΩ
Discharge Cut-off Voltage	10.1V	20.2V
Max. Charge Voltage	15.1V	30.2V
Standard Charge Current	200A	100A
Max. Continuous Charge	300A (Max)	150A (Max)
Max. Continuous Discharge	200A	100A
Peak Discharge Current (3s)	1884A	1256A
Operating Temp. (Charge)	0C – 65C	0C – 65C
Operating Temp. (Discharge)	-35C – 65C	-35C – 65C
Cycle Life	8000 cycles while maintaining 70% of original capacity	8000 cycles while maintaining 70% of original capacity
Weight	175 lbs / 79 kg	Each Pack is: 125lbs / 57kg Total weight: 250lbs / 113KG
Dimensions (L x W x H)	642.5 x 309 x 250 mm 25.3 x 12.2 x 9.8 in	468.5 x 309 x 250 mm 18.5 x 12.2 x 9.8 in
Footprint (L x W)	642.5 x 309 mm 25.3 x 12.2 in	468.5 x 309 mm 18.5 x 12.2 in
Overall Dimensions (L x W x H)	708 mm x 323 mm x 262 mm 27.9 in x 12.7 in x 10.3 in	
Connector	Standard Female M10 Terminals	Standard Female M10 Terminals and Interconnection Cable



# ***SAFETY & USAGE*** **INSTRUCTIONS**

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**Charge the battery every two months during storage.**

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**Please shut off the system if unused for 5 days or longer.**

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**Charge the battery with a dedicated LiFePO<sub>4</sub> charger only.  
Otherwise, the battery may be damaged.**

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**Do not charge above 300A. Overcharging  
may cause damage.**

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**Fully compatible to be boost started from any other 12V, lead  
acid, agm or LiFePO<sub>4</sub> battery pack.**