

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	200A
Max Intermittent Charge	240A for 3 seconds	240A for 3 seconds
Max. Continuous Discharge	200A	200A
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***

Charge the battery every two months during storage.

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

**Charge the battery with a dedicated LiFePO₄ charger only.
Otherwise, the battery may be damaged.**

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

**Fully compatible to be boost started from any other 12V, lead
acid, agm or LiFePO₄ battery pack.**