GO SMARTER
Active intelligent monitoring. At the heart of every Hyper Sport Lithium battery is an integrated management system that monitors and reacts to multiple voltage, current, and temperature events to maximize performance, battery life and safety.

GO SAFER
Lithium Iron Phosphate (LiFePO4) is the safest type of lithium battery and a ready to go replacement and upgrade from lead acid, AGM or gel.

GO FASTER  GO LONGER
- 4X lighter
- 4X faster charge time
- 4X longer life
- 4X the warranty

GO HYPER SPORT
Simply connect your battery and you are ready to go.

PAL9HY 12.8V 42W/Hr
Lithium Iron Phosphate (LiFePO4) Battery
Hyper Sport Series

TERMINALS: (mm)
* L1: 5.87 (149)
* W1: 3.43 (87)
* W2: 3.31 (84)
* H: 3.70 (94)

Dimensions: inch (mm)
* L: 7.27 (184)
* W: 3.54 (89)
* H: 3.70 (94)

Nominal Voltage 12.8V
Watt-Hour (1.7A to 10.0 volts) 42
Charging Voltage 14.4V (Standard) – 14.8V (Max)
Charging Current 1.7A (Standard) - 7.0A (Max)
Approximate Weight 3.1 lbs. (1.4kg)
Max Continuous Output Current 15A
Max Starting Current (5s at 77°F (25°C)) 150A
Cycle Life (80% DOD at 77°F (25°C)) ≥2000
Charge Retention (Shelf Life) (at 68°F (20°C))
1 Month ≥95%
3 Month ≥90%
6 Month ≥80%
Operating Temperature Range
Charge and Discharge 14°F (-10°C) to 131°F (55°C)
Storage -4°F (-20°C) to 104°F (40°C)
Case ABS
Upgrade to lead acid battery model PTX7A-BS, PTX9-BS

© 2019 Power-Sonic Corporation. All rights reserved. All trademarks are the property of their respective owners.
All data subject to change without notice. E&O E.
PAL9HY 12.8V 42W/Hr
CA 150A

Lithium Iron Phosphate (LiFePO4) Battery
Hyper Sport Series

DISCHARGE TIME VS DISCHARGE CURRENT (25°C)

PULSE DISCHARGE CURVE (10 SECONDS)

CHARGING

The battery can be used if the voltage is higher or equal
to 12.8V, although we recommend fully charging the battery if the voltage is below 13.0V. Apply constant voltage charge between 14.0V and 15.0V to fully charge the battery.

The Hyper Sport series requires lithium compatible chargers and testers. We do not recommend the use of lead acid chargers as many in the market are not suitable for lithium iron phosphate batteries.

APPLICATIONS

- Motorcycle
- ATV
- Scooter
- UTV
- Watersport

WARRANTY

Designed and engineered at our ISO 9001:2001 certified factories all Power Sonic batteries are subject to stringent quality control through every step of the manufacturing process ensuring both consistency and reliability. The Hyper Sport series are backed by a 2-year limited warranty.

FURTHER INFORMATION

Please refer to our website www.power-sonic.com for a complete range of useful tools and downloads, such as our PowerSports battery finder, application guides, material safety datasheets and much more.

GLOBAL HEADQUARTERS
(USA AND INTERNATIONAL EXCLUDING EMEA)
Power-Sonic Corporation
365 Cabela Dr Suite 300,
Reno, Nevada 89523
USA
T: +1 619 661 2020
E: customer-service@power-sonic.com

POWER-SONIC EMEA
(EMEA – EUROPE, MIDDLE EAST AND AFRICA)
Smitspol 4, 3861 RS Nijkerk,
The Netherlands
T NL: +31 33 7410 700
T UK: +44 1268 560 686
T FR: +33 344 32 18 17
E: salesEMEA@power-sonic.com

To ensure safe and efficient operation always refer to the latest edition of our Technical Manual, as published on our website.
© 2019 Power-Sonic Corporation. All rights reserved. All trademarks are the property of their respective owners.
All data subject to change without notice. E&O E