POWER-SONIC
TRUSTED BATTERY SOLUTIONS

HYPER SPORT SERIES

Motorcycle | Scooter | ATV | Personal Watercraft | UTV



LITHIUM

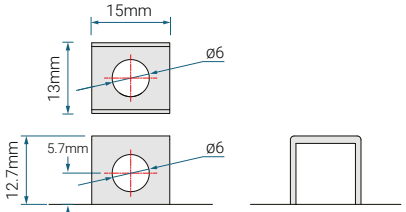
HYPER SPORT

PAL9HY

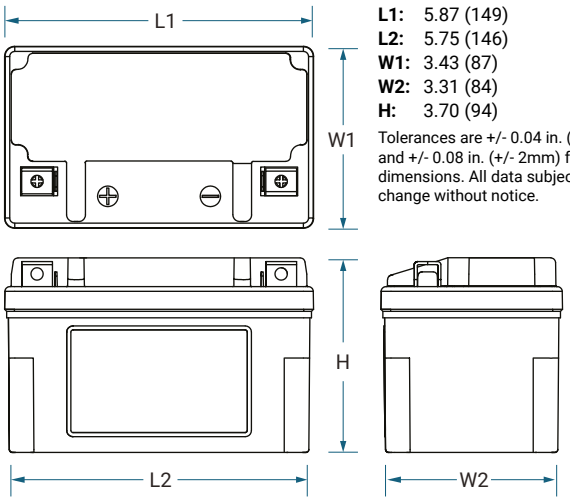
12.8V 42W/Hr
CA 150A

Lithium Iron Phosphate (LiFePO4) Battery Hyper Sport Series

TERMINALS: (mm)



DIMENSIONS: inch (mm)



L1: 5.87 (149)
L2: 5.75 (146)
W1: 3.43 (87)
W2: 3.31 (84)
H: 3.70 (94)

Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

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

- 4X lighter
- 4X faster charge time

GO LONGER

- 4X longer life
- 4X the warranty

GO HYPER SPORT

Simply connect your battery and you are ready to go.

PERFORMANCE SPECIFICATIONS

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

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

power-sonic.com

Rev3: 08/19

POWERPSSONIC
TRUSTED BATTERY SOLUTIONS

HYPER SPORT SERIES

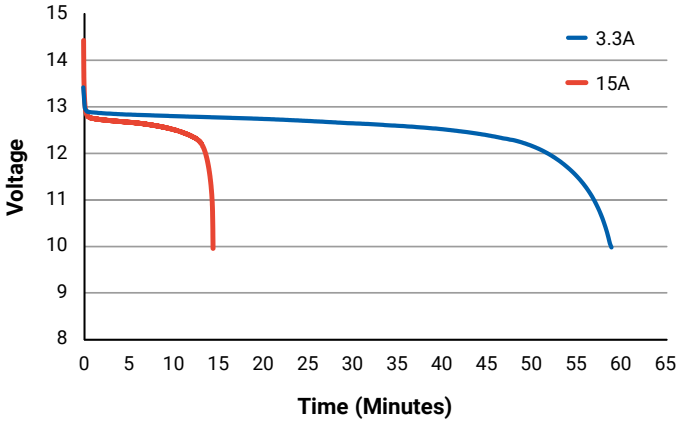
HYPER SPORT

GO SMARTER · GO SAFER · GO FASTER · GO LONGER

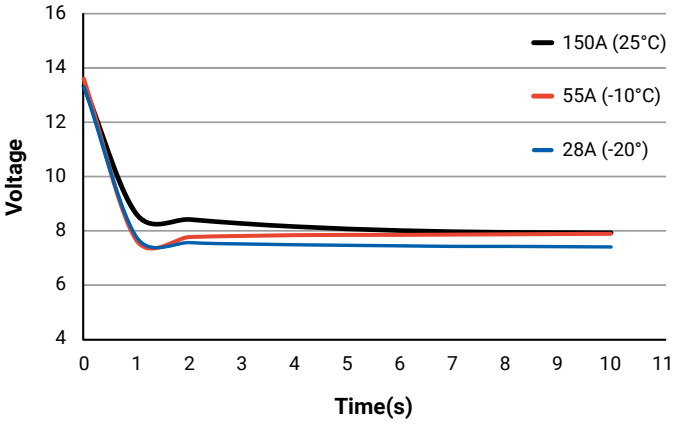
PAL9HY 12.8V 42W/Hr CA 150A

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
- Scooter
- ATV
- Watersport
- UTV

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