

# HYPER SPORT PRO

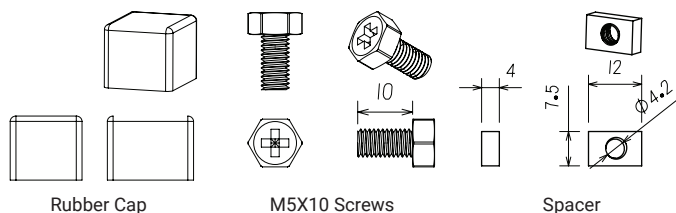


**PUSH BUTTON  
VOLTAGE  
INDICATOR**

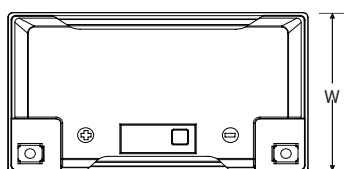
## PALP-14HY 12.8V 48Wh CA280A

Lithium Iron Phosphate (LiFePO4) Battery  
Hyper Sport Pro Series

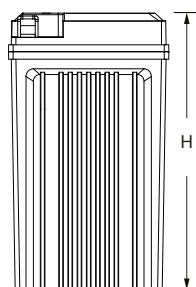
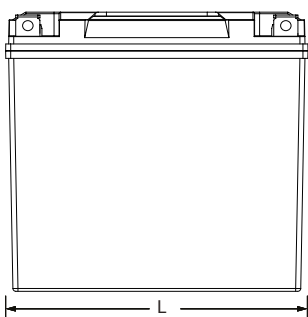
### TERMINALS: (mm)



### DIMENSIONS: inch (mm)



L: 5.90 (150)  
W: 3.42 (87)  
H: 5.70 (145)  
Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.



### GLOBAL HEADQUARTERS (USA AND INTERNATIONAL EXCLUDING EMEA)

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## GO SMARTER

Active intelligent monitoring. At The heart of every Hyper Sport Pro 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 longer life
- 4X faster charge time
- 4X the warranty

## GO HYPER SPORT PRO

Simply connect your battery and you are ready to go.

### PERFORMANCE SPECIFICATIONS

Nominal Voltage	12.8V
Watt-Hour	48
Discharge Continuous (40C) Maximum (70C, 15S)	160A 280A
Charging Current	2A (Standard) - 8A (Max)
Approximate Weight	2.42 lbs. (1.10kg)
Initial Impedance	<12 milliohms
Cycle life (80% DOD at 77°F (25°C))	≥2000
Charge Retention (Shelf Life) (at 68°F /20°C) 1 Month	≥95%
Operating Temperature Range Charge Discharge Storage	32°F (0°C) to 113°F (45°C) -4°F (-20°C) to 131°F (55°C) -32°F (0°C) to 86°F (30°C)
Recommended Charger	Please contact Power Sonic
Case	230°C heat resistant case and cover UL94-V0 flammability
Upgrade to lead acid battery model	YTX14-BS

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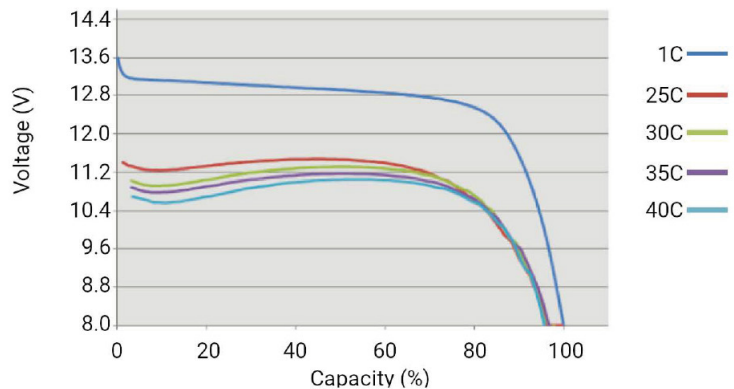


Transport Safety Certified

**PALP-14HY** 12.8V 48Wh  
CA280A

Lithium Iron Phosphate (LiFePO4) Battery  
Hyper Sport Pro Series

## DISCHARGING CHART



## 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 14.4V and 14.8V to fully charge the battery.

The Hyper Sport Pro 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.

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## FURTHER INFORMATION

Please refer to our website [www.power-sonic.com](http://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.