

POWERSPORT SERIES

KEEPING YOU **IN CHARGE**
WITH PERFORMANCE
AND RELIABILITY



POWERPS SONIC
TRUSTED BATTERY SOLUTIONS

power-sonic.com

POWERSPORT SERIES

MAXIMUM PERFORMANCE AND ULTIMATE RELIABILITY FROM POWER SONIC

Whether you're racing on the track, exploring extreme off road trails, cruising the highway or riding through deep snow, Power Sonic has the right battery solution for you.

2

As an OEM qualified supplier we offer a complete line of Powersport batteries engineered to the highest international standards by our ISO:9001 and ISO:14001 certified factory. Our Powersport batteries are designed to provide maximum performance, superior starting power and unrivalled reliability whatever the vehicle.

Featuring a comprehensive range of sizes and battery types, Power Sonic Powersports batteries are one of the best choices available on the market today, suitable for a diverse range of applications including:

- **Motorcycles**
- **Scooters**
- **ATV's**
- **Personal Watercraft**
- **Snowmobiles**
- **Utility Vehicles**
- **Lawn and Garden**

All Power Sonic batteries are subject to stringent quality control through every step of the manufacturing process ensuring both consistency and reliability.

CONTENTS

BATTERY SELECTION GUIDE 5

SUPER SPORT SERIES
CONVENTIONAL 6

SUPER SPORT SERIES
LOCALLY ACTIVATED AGM 10

SUPER SPORT SERIES
AGM READY TO GO 12

ULTRA SPORT SERIES
HIGH PERFORMANCE AGM 14



HYPER SPORT SERIES
LITHIUM 16

TERMINAL CONFIGURATIONS 18

BATTERY TYPE NUMBER EXPLANATION 20

BATTERY UPGRADE REFERENCE CHART 21

KEEPING YOU IN CHARGE

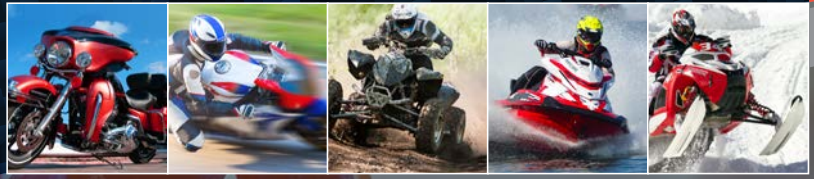
4

BATTERY SELECTION GUIDE



**MAXIMUM PERFORMANCE AND ULTIMATE
RELIABILITY FROM POWER SONIC**

KEEPING YOU IN CHARGE WITH THE POWER SONIC BATTERY SELECTION GUIDE



Power Sonic offers a complete battery line for all your powersport needs. Our batteries are designed to provide high-performance and ultimate reliability for those who demand the best from their vehicle. Manufactured using the most advanced components and latest state-of-the-art equipment our products have become renowned for their quality and reliability.

	SUPER SPORT			ULTRA SPORT	HYPER SPORT PRO
					
BATTERY TYPE >	CONVENTIONAL	LOCALLY ACTIVATED AGM	AGM READY TO GO	HIGH PERFORMANCE AGM	LITHIUM
PERFORMANCE	Good power, good cycle life, meets entry-level and older vehicle OE specs	Superior power, extended cycle life, vibration resistant, good safety features, long shelf life, meets current OE specs	Superior power, extended cycle life, great safety features, highly vibration resistant, meets current OE specs	Superior capacity, enhanced performance, maximum cycle life, maximum safety features, highly vibration resistant, lower discharge rate, exceeds OE specs	Ultra lightweight, ultimate performance, extreme cycle life, highly vibration resistant, very low self discharge, faster charging, far exceeds OE specs
RECOMMENDED VEHICLE TYPE	Suitable for entry-level and older vehicles that have basic power needs	Fits most applications	Ideal for high-end motorcycles, ATVs, and off-road vehicles	Ideal for premium vehicles with built-in or add-on electrical equipment	The ultimate choice for sports bikes and seasonal use vehicles
RECOMMENDED APPLICATIONS	 Scooters  Lawn & Garden	 Motorcycles  Scooters	 UTV's  ATVs	 Snowmobiles  Personal Watercraft	 Motorcycles  Scooters  UTV's  ATVs  Personal Watercraft
READY TO GO	 Initial filling required	 Initial filling required	 Ready to Go	 Ready to Go	 Ready to Go
POSITIONING	 Upright mounting only	 Medium inclination	 High inclination	 High inclination	 Multiple positions
ACID PACK INCLUDED	 Acid pack included	 Acid pack included	 No initial filling	 No initial filling	 No acid
MAINTENANCE	 Requires ongoing filling	 Maintenance free after initial filling	 100% maintenance free	 100% maintenance free	 100% maintenance free
TECHNOLOGY	Flooded dry charged	AGM dry charged	AGM charged	AGM charged	Lithium Iron Phosphate

FURTHER INFORMATION

Please refer to our website www.power-sonic.com for product catalogs, safety data sheets (SDS), ISO certification, etc.

CONVENTIONAL

SUPER SPORT CONVENTIONAL batteries are designed for entry-level and older powersport vehicles with basic power requirements.

Conventional batteries are flooded lead acid batteries that need to fill before first use and periodically topped up to maintain.

BENEFITS:

- Engineered to protect against corrosion and withstand vibration
- Delivers high cranking power
- Acid pack and vent tube included for initial filling
- Long shelf life, with no need to recharge before initial acid filling
- Wide variety of battery sizes including 6V and 12V versions
- High performance and low maintenance versions available
- Ideal for ride on mowers and garden equipment

6



MOTORCYCLE



SCOOTER



ATV



PERSONAL WATERCRAFT



SNOWMOBILE



UTV



RIDING MOWER

POWERPSONIC
TRUSTED BATTERY SOLUTIONS



6 VOLT SPECIFICATIONS

Model	Voltage	Capacity at 10HR	Approx. Weight with Acid		Approx. Electrolyte Weight		Regular Charge Current	Terminal	Dimensions: inch (mm)						Assembly Figure (per cover polarity)
									Length		Width		Height		
	V	Ah	lbs.	kgs.	lbs.	kgs.	Ah	(See page 19)	inch	mm	inch	mm	inch	mm	
6N2-2A-8	6	2	1.4	0.6	0.4	0.2	0.2	-	2.8	70.0	1.9	47.0	3.8	96.0	
6N2A-2C	6	2	1.4	0.6	0.4	0.2	0.2	-	2.8	70.0	1.9	47.0	4.1	104.0	
6N4-2A-4	6	4	2.0	0.9	0.6	0.3	0.4	-	2.8	70.0	2.8	70.0	3.8	96.0	
6N4B-2A	6	4	2.0	0.9	0.6	0.3	0.4	-	4.0	102.0	1.9	48.0	3.8	96.0	
6N4B-2A-3	6	4	2.0	0.9	0.6	0.3	0.4	-	4.0	102.0	1.9	48.0	3.8	96.0	
6N5.5-1D	6	5.5	2.6	1.2	0.8	0.4	0.6	-	3.5	90.0	2.8	70.0	3.9	100.0	
6N6-3B	6	6	2.7	1.2	0.8	0.4	0.6	B	3.9	99.0	2.2	57.0	4.7	120.0	
6N6-3B-1	6	6	2.7	1.2	0.8	0.4	0.6	B	3.9	99.0	2.2	57.0	4.4	111.0	
6N11A-1B	6	11	4.6	2.1	1.4	0.6	1.1	B	4.8	122.0	2.4	62.0	5.2	131.0	
6N12A-2D	6	12	4.7	2.1	1.3	0.6	1.2	B	6.1	156.0	2.2	57.0	4.6	116.0	
B38-6A	6	13	6.2	2.8	2.2	1.0	1.3	B	4.7	119.0	3.3	83.0	6.3	161.0	
B39-6	6	7	3.0	1.4	1.0	0.4	0.7	B	5.0	126.0	1.9	48.0	5.0	126.0	

12 VOLT SPECIFICATIONS

Model	Voltage	Capacity at 10HR	CCA @ 0°F	Approx. Weight with Acid		Approx. Electrolyte Weight		Regular Charge Current	Terminal	Dimensions: inch (mm)						Assembly Figure (per cover polarity)
										Length		Width		Height		
	V	Ah	-18°C	lbs.	kgs.	lbs.	kgs.	Ah	(See page 19)	inch	mm	inch	mm	inch	mm	
12N5-4B	12	5	40	4.7	2.1	1.2	0.5	0.5	B	4.7	120.0	2.4	61.0	5.1	130.0	
12N5.5-4A	12	5.5	50	4.9	2.2	1.4	0.6	0.6	F	5.3	135.0	2.4	60.0	5.1	130.0	
12N7-4B	12	7	74	6.3	2.9	1.7	0.8	0.7	B	5.3	135.0	3.0	75.0	5.2	133.0	
12N9-4B-1	12	9	95	6.6	3.0	1.7	0.8	0.9	B	5.3	135.0	3.0	75.0	5.5	139.0	
12N12A-4A-1	12	12	113	9.2	4.2	2.3	1.0	1.2	B	5.3	134.0	3.2	81.0	6.3	160.0	
12N14-3A	12	14	128	9.3	4.2	2.4	1.1	1.4	G	5.3	134.0	3.5	89.0	6.5	166.0	
12N24-3	12	24	218	16.6	7.5	5.6	2.5	2.4	G	7.2	184.0	4.9	124.0	6.9	175.0	
CHD4-12	12	28	280	18.1	8.2	5.6	2.5	2.8	H	8.1	205.0	5.1	130.0	6.5	165.0	

12 VOLT LAWN AND GARDEN SPECIFICATIONS

Model	Voltage	Capacity at 10HR	CCA @ 0°F	Approx. Weight with Acid		Approx. Electrolyte Weight		Regular Charge Current	Terminal	Dimensions: inch (mm)						Assembly Figure (per cover polarity)
										Length		Width		Height		
	V	Ah	-18°C	lbs.	kgs.	lbs.	kgs.	Ah	(See page 19)	inch	mm	inch	mm	inch	mm	
U1(9)	12	24	220	16.1	7.3	5.7	2.6	2.4	K	7.7	195.0	5.1	130.0	7.1	180.0	
U1(9)R	12	24	220	16.1	7.3	5.7	2.6	2.4	K	7.7	195.0	5.1	130.0	7.1	180.0	

FURTHER INFORMATION

Please refer to our website www.power-sonic.com for product catalogs, safety data sheets (SDS), ISO certification, etc.

CONVENTIONAL

SUPER SPORT CONVENTIONAL batteries are designed for entry-level and older powersport vehicles with basic power requirements.

Conventional batteries are flooded lead acid batteries that need to fill before first use and periodically topped up to maintain.

BENEFITS:

- Engineered to protect against corrosion and withstand vibration
- Delivers high cranking power
- Acid pack and vent tube included for initial filling
- Long shelf life, with no need to recharge before initial acid filling
- Wide variety of battery sizes including 6V and 12V versions
- High performance and low maintenance versions available
- Ideal for ride on mowers and garden equipment



MOTORCYCLE



SCOOTER



ATV



PERSONAL WATERCRAFT



SNOWMOBILE



UTV



HIGH PERFORMANCE SPECIFICATIONS

Model	Voltage V	Capacity at 10HR Ah	CCA @ 0°F -18°C	Approx. Weight with Acid		Approx. Electrolyte Weight		Regular Charge Current Ah	Terminal (See page 19)	Dimensions: inch (mm)						Assembly Figure (per cover polarity)
				lbs.	kgs.	lbs.	kgs.			Length		Width		Height		
										inch	mm	inch	mm	inch	mm	
CB2.5L-C	12	2.5	19	2.4	1.1	0.7	0.3	0.3	A	3.2	80.0	2.8	70.0	4.1	105.0	
CB3L-A	12	3	32	2.8	1.3	0.7	0.3	0.3	B	3.9	98.0	2.2	56.0	4.3	110.0	
CB3L-B	12	3	32	2.8	1.3	0.7	0.3	0.3	B	3.9	98.0	2.2	56.0	4.3	110.0	
CB4L-B	12	4	56	3.6	1.7	0.8	0.3	0.4	A	4.7	120.0	2.8	70.0	3.6	92.0	
CB5L-B	12	5	56	4.7	2.1	1.2	0.5	0.5	B	4.7	120.0	2.4	61.0	5.1	130.0	
CB7-A	12	8	100	6.3	2.9	1.7	0.8	0.8	B	5.3	135.0	3.0	75.0	5.2	133.0	
CB7C-A	12	8	90	6.3	2.8	1.7	0.8	0.8	E	5.1	130.0	3.5	90.0	4.5	114.0	
CB7L-B	12	8	100	6.3	2.9	1.7	0.8	0.8	B	5.3	135.0	3.0	75.0	5.2	133.0	
CB9-B	12	9	100	6.5	2.9	1.6	0.7	0.9	B	5.3	135.0	3.0	75.0	5.5	139.0	
CB9L-B	12	9	110	6.6	3.0	1.7	0.8	0.9	B	5.3	135.0	3.0	75.0	5.5	139.0	
CB10L-A2	12	11	160	8.7	3.9	2.3	1.0	1.1	D	5.3	134.0	3.5	89.0	5.7	145.0	
CB10L-B	12	11	160	8.6	3.9	2.3	1.0	1.1	B	5.3	134.0	3.5	89.0	5.7	145.0	
CB10L-B2	12	11	160	8.7	3.9	2.3	1.0	1.1	D	5.3	134.0	3.5	89.0	5.7	145.0	
CB12A-A¹	12	12	165	9.0	4.1	2.0	0.9	1.2	B	5.3	134.0	3.2	81.0	6.3	160.0	
CB12AL-A	12	12	165	9.2	4.2	2.3	1.0	1.2	B	5.3	134.0	3.2	81.0	6.3	160.0	
CB12AL-A2	12	12	165	9.2	4.2	2.3	1.0	1.2	B	5.3	134.0	3.2	81.0	6.3	160.0	
CB12A-B	12	12	165	9.2	4.2	2.3	1.0	1.2	B	5.3	134.0	3.2	81.0	6.3	160.0	
CB12C-A	12	12	165	9.0	4.1	2.0	0.9	1.2	A	5.3	134.0	3.2	81.0	6.9	175.0	
CB14-A2	12	14	170	9.8	4.4	2.6	1.2	1.4	D	5.3	134.0	3.5	89.0	6.5	166.0	
CB14A-A	12	14	190	9.8	4.4	2.6	1.2	1.4	B	5.3	134.0	3.5	89.0	6.9	176.0	
CB14A-A2	12	14	190	9.8	4.4	2.6	1.2	1.4	D	5.3	134.0	3.5	89.0	6.9	176.0	
CB14-B2	12	14	190	9.8	4.4	2.6	1.2	1.4	D	5.3	134.0	3.5	89.0	6.5	166.0	
CB14L-A2	12	14	190	9.8	4.4	2.6	1.2	1.4	D	5.3	134.0	3.5	89.0	6.5	166.0	
CB14L-B2	12	14	190	9.8	4.4	2.6	1.2	1.4	D	5.3	134.0	3.5	89.0	6.5	166.0	
SCB14L-B2	12	14	190	9.8	4.4	2.6	1.2	1.4	D	5.3	134.0	3.5	89.0	6.5	166.0	
CB16-B	12	19	240	13.2	6.0	3.4	1.5	1.9	B	6.9	175.0	3.9	100.0	6.1	155.0	
CB16B-A	12	16	200	11.6	5.2	3.1	1.4	1.6	A	6.3	160.0	3.5	90.0	6.3	161.0	
CB16B-A1	12	16	200	11.6	5.2	3.1	1.4	1.6	C	6.3	160.0	3.5	90.0	6.3	161.0	
CB16AL-A2	12	16	200	12.2	5.5	3.2	1.5	1.6	F	8.1	207.0	2.8	71.5	6.5	164.0	
CB16CL-B	12	19	230	13.3	6.0	3.4	1.5	1.9	A	6.9	175.0	3.9	100.0	6.9	175.0	
CB16L-B	12	19	230	13.4	6.1	3.6	1.6	1.9	B	6.9	175.0	3.9	100.0	6.1	155.0	
HCB16A-AB	12	15	170	11.1	5.0	2.6	1.2	1.5	C	5.9	151.0	3.6	91.0	7.1	180.0	
CB18-A	12	18	235	12.3	5.6	3.5	1.6	1.8	C	7.1	180.0	3.5	90.0	6.4	162.0	
CB18L-A	12	18	235	12.4	5.6	3.6	1.6	1.8	C	7.1	180.0	3.5	90.0	6.4	162.0	
C50-N18L-A3	12	20	250	14.3	6.5	3.5	1.6	2.0	A	8.1	205.0	3.5	90.0	6.4	162.0	
C60-N24L-A	12	28	300	17.6	8.0	5.4	2.5	2.8	G	7.2	184.0	4.9	124.0	6.7	170.0	
C60-N24AL-B	12	28	280	17.6	8.0	5.4	2.5	2.8	G	7.2	184.0	4.9	124.0	6.7	170.0	
CB30L-B	12	30	300	17.7	8.0	4.7	2.1	3.0	A	6.5	165.0	5.1	130.0	6.9	176.0	
CB30CL-B	12	30	300	17.8	8.1	4.7	2.1	3.0	A	6.5	165.0	5.1	130.0	7.6	192.0	
51814	12	18	210	13.1	5.9	3.2	1.4	1.9	G	7.3	186.0	3.2	82.0	6.7	171.0	
51913	12	19	210	12.9	5.8	2.9	1.3	1.9	G	7.3	186.0	3.2	82.0	6.7	171.0	
53030	12	30	300	18.5	8.4	5.4	2.5	3.0	G	7.2	184.0	5.1	130.0	6.7	170.0	

FURTHER INFORMATION

Please refer to our website www.power-sonic.com for product catalogs, safety data sheets (SDS), ISO certification, etc.

LOCALLY ACTIVATED AGM

SUPER SPORT AGM delivers excellent power and dependable lifespan, helping you go the distance in even the harshest weather conditions. The battery is 100% maintenance free, only needing filling up initially to get you started. Utilizing advanced AGM technology, the battery is ideal for a wide range of powersport applications matching OE specifications.

BENEFITS:

- Superior starting power
- Extended cycle life
- Vibration and impact resistant
- Acid pack included for initial filling
- 100% maintenance free after initial filling
- Long shelf life, with no need to recharge before initial acid filling
- Completely sealed and spill proof after initial filling
- Suitable for all weather conditions
- Wide range of sizes covering most applications
- Matches OE specifications

10



MOTORCYCLE



SCOOTER



ATV



PERSONAL WATERCRAFT



SNOWMOBILE



UTV





SEALED MAINTENANCE FREE (AGM) SPECIFICATIONS

Model	Voltage V	Capacity at 10HR Ah	CCA @ 0°F -18°C	Approx. Weight with Acid		Approx. Electrolyte Weight		Regular Charge Current Ah	Terminal (See page 19)	Dimensions: inch (mm)						Assembly Figure (per cover polarity)						
				lbs.	kgs.	lbs.	kgs.			Length		Width		Height								
										inch	mm	inch	mm	inch	mm							
PTR4A-BS	12	2.3	45	2.2	1.0	0.4	0.2	0.2	H	4.5	113.0	1.9	48.0	3.4	85.0	+						-
PTX4B-BS	12	2.3	40	2.0	0.9	0.3	0.1	0.2	J	4.5	113.0	1.5	38.0	3.4	85.0	+						-
PTX4L-BS	12	3	50	3.1	1.4	0.5	0.2	0.3	A	4.5	113.0	2.8	70.0	3.4	85.0	-						+
PTX5L-BS	12	4	80	4.0	1.8	0.7	0.3	0.4	A	4.5	113.0	2.8	70.0	4.1	105.0	-						+
PT6.5L-BS	12	6.5	85	5.0	2.3	0.8	0.4	0.7	B	5.5	139.0	2.6	66.0	3.9	100.0	-						+
PTX7A-BS	12	6	105	5.6	2.5	1.0	0.5	0.6	A	5.9	150.0	3.4	87.0	3.7	93.0	+						-
PTX7L-BS	12	6	100	5.2	2.4	1.0	0.4	0.6	A	4.5	113.0	2.8	70.0	5.1	130.0	-						+
PT9A-BS	12	9	100	6.8	3.1	1.3	0.6	0.9	B	5.3	135.0	3.0	75.0	5.5	139.0	+						-
PTX9-BS	12	8	135	6.7	3.0	1.2	0.6	0.8	A	5.9	150.0	3.4	87.0	4.1	105.0	+						-
PTX12-BS	12	10	180	8.5	3.9	1.7	0.8	1.0	A	5.9	150.0	3.4	87.0	5.1	130.0	+						-
PTX12A-BS	12	10	180	7.3	3.3	1.4	0.6	1.0	A	5.9	150.0	3.5	87.0	4.1	105.0	+						-
PTX14-BS	12	12	200	9.6	4.4	1.9	0.9	1.2	A	5.9	150.0	3.4	87.0	5.7	145.0	+						-
PTX14AH-BS	12	12	210	9.7	4.4	1.7	0.8	1.2	A	5.2	133.0	3.5	90.0	6.5	164.0	+						-
PTX14AHL-BS	12	12	210	9.7	4.4	1.7	0.8	1.2	A	5.2	133.0	3.5	90.0	6.5	164.0	-						+
PTX14L-BS	12	12	200	9.6	4.4	1.9	0.9	1.2	A	5.9	150.0	3.4	87.0	5.7	145.0	-						+
PTX16-BS	12	14	230	11.0	5.0	2.2	1.0	1.4	A	5.9	150.0	3.4	87.0	6.3	161.0	+						-
PTX16-BS-1	12	14	230	10.9	5.0	2.2	1.0	1.4	E	5.9	150.0	3.4	87.0	6.3	161.0	+						-
PTX20CH-BS	12	18	270	12.2	5.5	2.4	1.1	1.8	A	5.9	150.0	3.4	87.0	6.3	161.0	+						-
PTX20-BS	12	18	270	13.1	6.0	2.6	1.2	1.8	A	6.9	175.0	3.4	87.0	6.1	155.0	+						-
PTX20L-BS	12	18	290	13.1	6.0	2.6	1.2	1.8	A	6.9	175.0	3.4	87.0	6.1	155.0	-						+
PIX30L-BS	12	30	400	20.9	9.5	4.0	1.8	3.0	A	6.6	166.0	5.0	126.0	6.9	174.0	-						+
PIX50-BS	12	21	330	15.4	7.0	2.9	1.3	2.1	A	8.1	205.0	3.4	87.0	6.4	162.0	+						-
PIX50L-BS	12	21	330	15.4	7.0	2.9	1.3	2.1	A	8.1	205.0	3.4	87.0	6.4	162.0	-						+

FURTHER INFORMATION

Please refer to our website www.power-sonic.com for product catalogs, safety data sheets (SDS), ISO certification, etc.

AGM READY TO GO

AGM READY TO GO provides superior power and is so convenient that all you need to do is install the battery and you are ready to go! No initial acid filling or ongoing maintenance needed. The battery is highly vibration and impact resistant making it ideal for all-terrain and off road uses. AGM Ready to Go offers exceptional starting power and reliability in all weather conditions.

BENEFITS:

- Superior starting power
- Extended cycle life
- Highly vibration and impact resistant
- 100% maintenance free
- Completely sealed and spill proof
- Suitable for all weather conditions
- Wide range of sizes covering most applications
- Matches OE specifications
- Simply install and you are ready to go

12



					
MOTORCYCLE	SCOOTER	ATV	PERSONAL WATERCRAFT	SNOWMOBILE	UTV



HIGH PERFORMANCE AGM

POWER SONIC ULTRA SPORT is the perfect choice for any premium powersport vehicle. The battery has been designed to deliver enhanced performance for large engine motorcycles and vehicles that are equipped with power hungry electronics like alarms, audio, heating systems and GPS. It is 100% maintenance free, completely spill proof and ready to use with no initial acid filling.

BENEFITS:

- Ideal for premium vehicles with power hungry equipment
- Superior capacity
- Excellent cycle life
- Highly vibration and impact resistant
- 100% maintenance free
- Completely sealed and spill proof
- Suitable for all weather conditions
- Very low self-discharge rate
- Upgrade to OE specifications
- Simply install and you are ready to go



MOTORCYCLE



SCOOTER



ATV



PERSONAL WATERCRAFT



SNOWMOBILE



UTV





ULTRA SPORT SERIES – HIGH PERFORMANCE FACTORY ACTIVATED MAINTENANCE FREE SPECIFICATIONS

Model	Voltage V	Capacity at 10HR Ah	CCA @ 0°F -18°C	CA ¹ @ 32°F 0°C	Approx. Weight with Acid		Regular Charge Current Ah	Terminal (See page 19)	Dimensions: inch (mm)						Assembly Figure (per cover polarity)
									Length		Width		Height		
									inch	mm	inch	mm	inch	mm	
PTX14LBS-FS	12	12	210	273	10.1	4.6	1.2	L	5.9	150.0	3.4	87.0	5.7	145.0	
PTX20HBS-FS	12	18	310	400	14.3	6.5	1.8	L	6.9	176.0	3.4	87.0	6.1	154.0	
PTX20HLBS-FS	12	18	310	400	14.3	6.5	1.8	L	6.9	176.0	3.4	87.0	6.1	154.0	
PIX30HLBS-FS	12	30	400	520	21.8	9.9	3.0	L	6.7	169.0	5.2	131.0	6.9	175.0	

¹ Cranking value determined by the use of hand held tester. Individual test results may vary. Due to the self-discharge characteristics of this type of battery, it is imperative that they be charged within 6 months of storage, otherwise permanent loss of capacity might occur as a result of sulfation. To prolong shelf life without charging, store batteries at 50° F (10° C) or less.



FURTHER INFORMATION

Please refer to our website www.power-sonic.com for product catalogs, safety data sheets (SDS), ISO certification, etc.

LITHIUM

POWER SONIC HYPER SPORT PRO is the ultimate choice for those who demand the very best riding experience. The battery has been designed to be up to four times lighter than AGM reducing the overall weight of your bike, resulting in faster acceleration and maximum performance. With proven lithium iron phosphate technology, the battery has a very low self-discharge making it ideal for starting your engine after long periods of non-use. At the heart of every Hyper Sport battery is an integrated active management system that monitors and reacts to multiple voltage, current and temperature events to maximize performance, battery life and safety.

BENEFITS:

- Ultra-lightweight – up to 4 times lighter than lead acid batteries
- Super-fast charging – up to 4 times faster charging than lead acid batteries
- Maximum cycle life – over 2000 cycles
- Multi-position mounting
- 100% maintenance free
- Very low self-discharge – long shelf life
- Super safe with integrated active management systems
- Perfect for seasonal use
- Upgrade to OE specifications
- OE fitment – Simply install and you are ready to go



MOTORCYCLE



SCOOTER



ATV



PERSONAL WATERCRAFT



SNOWMOBILE



UTV





**PUSH BUTTON
VOLTAGE
INDICATOR**



LITHIUM

HYPER SPORT PRO

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.

SPECIFICATIONS

Model	Voltage (V)	Cranking Amps* (A)	Watt-Hour (W/HR)	Approx. Dimensions: inch (mm)						Approx. Weight		Polarity
				Length		Width		Height		lbs.	kgs.	
				inch	mm	inch	mm	inch	mm			
PALP-C22SHY	12.8	140	24	3.38	86	1.89	48	3.54	90	0.92	0.42	- +
PALP-4LHY	12.8	105	18	4.48	114	2.75	70	3.34	85	0.88	0.40	- +
PALP-5ZSHY	12.8	140	24	4.48	114	2.75	70	3.34	85	1.30	0.59	- +
PALP-5LHY	12.8	140	24	4.48	114	2.75	70	4.13	105	1.43	0.65	- +
PALP-7ZSHY	12.8	140	24	4.48	114	2.75	70	4.13	105	1.43	0.65	- +
PALP-7AHY	12.8	210	36	5.90	150	3.42	87	3.66	93	1.98	0.90	+ -
PALP-9HY	12.8	210	36	5.90	150	3.42	87	4.13	105	2.00	0.91	+ -
PALP-12HY	12.8	280	48	5.90	150	3.42	87	5.11	130	2.73	1.24	+ -
PALP-14ZSHY	12.8	280	48	5.90	150	3.42	87	4.13	105	2.64	1.20	+ -
PALP-14HY	12.8	280	48	5.90	150	3.42	87	5.70	145	2.42	1.10	+ -
PALP-14LHY	12.8	280	48	5.90	150	3.42	87	5.70	145	2.42	1.10	- +
PALP-14AHY	12.8	280	48	5.28	134	3.50	89	6.46	164	2.42	1.10	+ -
PALP-14LAHY	12.8	280	48	5.28	134	3.50	89	6.46	164	2.42	1.10	- +
PALP-16HY	12.8	350	60	5.90	150	3.42	87	6.30	160	2.86	1.30	+ -
PALP-20LHY	12.8	420	72	6.89	175	3.42	87	6.10	155	3.08	1.40	- +
PALP-50N18LAHY	12.8	560	96	6.89	175	3.42	87	6.10	155	3.75	1.70	- +
PALP-30LHY	12.8	560	160	6.54	166	4.96	126	6.89	175	4.74	2.15	- +

*Cranking Amps is measured by real discharging (15 seconds at 70C), please do not use a lead acid battery CA tester to measure lithium battery CA.

FURTHER INFORMATION

Please refer to our website www.power-sonic.com for product catalogs, safety data sheets (SDS), ISO certification, etc.

KEEPING YOU IN CHARGE

18



POWERPS SONIC
TRUSTED BATTERY SOLUTIONS

HYPER SPORT PRO

VOLTAGE	CAI (SEC)	WHR
12.8	280	48

LITHIUM IRON PHOSPHATE BATTERY
power-sonic.com
Made in China

Non Spillable Battery

ULTRA SPORT

PTX12A
12V/18AH

UPPER LEVEL
LOWER LEVEL

High Performance
Gel Cell

SUPER SPORT

CS&L-A
12V/18AH/18R

Maintenance Free Battery

SUPER SPORT

PTX9-BS
12V 8AH(10HR)

Power-Sonic Corporation
www.power-sonic.com

TERMINAL CONFIGURATIONS

Terminal shapes vary from one battery to another. By identifying the correct replacement battery from the listing in this book, you are assured of the proper terminal configuration.

For custom applications, refer to the following chart to identify terminal shape and corresponding batteries.

TERMINAL TYPE	FRONT	SIDE	TOP	BATTERY TYPE
A				PTX4LBS-FS, PTX5LBS-FS, PTZ5S, PTX7ABS-FS, PTX7LBS-FS, PTZ7S, PT9B-4, PTX9BS-FS, PTX12ABS-FS, PTX12BS-FS, PTZ12S, PT14B-4, PTX14BS-FS, PTX14AHBS-FS, PTX14AHLBS-FS, PTX19BS-FS, PTX19LBS-FS, PTX20BS-FS, PTX20LBS-FS, PIX30CLBS-FS, PIX50LBS-FS, PTX4L-BS, PTX5L-BS, PTX7A-BS, PTX7L-BS, PTX9-BS, PTX12-BS, PTX12A-BS, PTX14-BS, PTX14AH-BS, PTX14AHL-BS, PTX14L-BS, PTX16-BS, PTX20CH-BS, PTX20-BS, PTX20L-BS, PIX50-BS, PIX50L-BS, CB2.5L-C, CB4L-B, CB16B-A, CB16CL-B, C50-N18L-A3, CB30L-B, CB30CL-B, PT6B-3, PT7B-4, PTZ10S, PT12B-4, PTZ14S, PTZ16H, PTX19CLBS-FS, PIX30LBS-FS, PIX30L-BS, CB12C-A
B				PT6.5L-BS, PT9A-BS, CB3L-A, CB3L-B, CB5L-B, CB7-A, CB7L-B, CB9-B, CB9L-B, CB10L-B, CB12A-A, CB12AL-A, CB12AL-A2, CB12A-B, CB14A-A, CB16-B, CB16L-B, 12N5-4B, 12N7-4B, 12N9-4B-1, 12N12A-4A-1, 6N6-3B, 6N6-3B-1, 6N11A-1B, 6N12A-2D, B38-6A, B39-6
C				CB16B-A1, CB18-A, CB18L-A, HCB16A-AB
D				CB10L-A2, CB10L-B2, CB14-A2, CB14A-A2, CB14-B2, CB14L-A2, CB14L-B2, SCB14L-B2
E				PTX16-BS-1, CB7C-A
F				CB16AL-A2, 12N5.5-4A
G				C60-N24L-A, C60-N24AL-B, 51814, 51913, 53030, 12N14-3A, 12N24-3, P11U1LD-FS
H				CHD4-12, PTR4A-BS
J				PTX4B-BS
K				U1(9), UI(9)R, 51913-FS
L				PIX30HLBS-FS, PTX20HBS-FS, PTX20HLBS-FS, PTX14LBS-FS

BATTERY TYPE

NUMBER EXPLANATION

The numbers and letters in the top halves of the tables are commonly known used examples of Powersport batteries. Use the numbers in the bottom halves of the table and the designation keys below each to see what the letters & numbers represent.

LITHIUM						
PALP	20	L	A	ZS	-	HY
1	2	3	4	5	-	6
1 Power Sonic active intelligent monitoring lithium Pro	2 Performance classification	3 Polarity location	4 Designates unique battery case size	5 Upgrade replacement for a ZS lead acid model	6 Hyper Sport Series	

AGM								
PTX	14	A	H	L	-	BS	-	1
1	2	3	4	5	-	6	-	7
1 High performance AGM (PTX, PIX, PTZ)	2 Performance classification	3 Designates unique battery case size	4 Designates higher CCA	5 Polarity location	6 Bottle supplied electrolyte	7 Designates unique terminal		

HIGH PERFORMANCE CONVENTIONAL				
CB	16A	L	-	A2
1	2	3	-	4
1 High performance conventional battery	2 Size of the battery case	3 Polarity location	4 Terminal & Exhaust location	

CONVENTIONAL							
12	N	12A	-	4	A	-	1
1	2	3	-	4	5	-	6
1 Normal voltage	2 Conventional battery	3 Size of battery case	4 Polarity location	5 Exhaust location	6 Designates unique terminal		



BATTERY UPGRADE REFERENCE CHART

LITHIUM	HIGH PERFORMANCE AGM	AGM READY TO GO	LOCALLY ACTIVATED AGM UPGRADE	LOCALLY ACTIVATED AGM	LOW MAINTENANCE CONVENTIONAL	HIGH PERFORMANCE CONVENTIONAL	CONVENTIONAL
PALP-4LHY	-	PTX4LBS-FS	-	PTX4L-BS	-	CB4L-B	-
PALP-5LHY	-	PTX5LBS-FS	-	PTX5L-BS	-	-	-
PALP-5ZSHY	-	PTZ5S	-	-	-	-	-
PALP-7ZSHY	-	-	-	-	-	CB7C-A	-
PALP-7AHY	-	PTX7ABS-FS	-	PTX7A-BS	-	-	-
PALP-7ZSHY	-	PTX7LBS-FS	-	PTX7L-BS	-	-	-
PALP-7ZSHY	-	PTZ7S	-	-	-	-	-
-	-	-	-	PT9A-BS	-	CB9-B	12N9-4B-1
-	-	-	-	-	-	CB9L-B	12N9-3B
PALP-9HY	-	PTX9BS-FS	-	PTX9-BS	-	-	-
-	-	-	-	-	-	CB12A-A	12N12A-4A-1
PALP-12HY	-	PTX12BS-FS	-	PTX12-BS	-	-	-
PALP-14ZSHY	-	PTX12ABS-FS	-	PTX12A-BS	-	-	-
PALP-14ZSHY	-	PTZ12S	-	-	-	-	-
PALP-14ZSHY	-	PTZ14S	-	-	-	-	-
PALP-14-AHY	-	PTX14AHBS-FS	-	PTX14AH-BS	-	CB14-A2	-
PALP-14-AHY	-	PTX14AHBS-FS	-	PTX14AH-BS	-	CB14-B2	-
PALP-14-AHY	-	PTX14AHBS-FS	-	PTX14AH-BS	-	CB14A-A	-
PALP-14-AHY	-	PTX14AHBS-FS	-	PTX14AH-BS	-	CB14A-A2	-
PALP-14L-AHY	-	PTX14AHLBS-FS	-	PTX14AHL-BS	-	CB14L-A2	12N14-3A
PALP-14L-AHY	-	PTX14AHLBS-FS	-	PTX14AHL-BS	-	CB14L-B2	-
PALP-14L-AHY	-	PTX14AHLBS-FS [†]	-	PTX14AHL-BS [†]	-	SCB14L-A2	-
PALP-14L-AHY	-	PTX14AHLBS-FS [†]	-	PTX14AHL-BS [†]	-	SCB14L-B2	-
PALP-14HY	PTZ16H	PTX14BS-FS	-	PTX14-BS	-	-	-
PALP-14LHY	-	PTX14LBS-FS	-	PTX14L-BS	-	-	-
PALP-16HY	-	-	PTX20CH-BS	PTX16-BS	-	-	-
-	-	PTX19BS-FS	-	-	-	CB16-B	-
-	-	PTX19CLBS-FS	-	-	-	CB16CL-B	-
-	-	PTX19LBS-FS	-	-	-	CB16L-B	-
-	PTX20HBS-FS*	PTX20BS-FS*	-	PTX20-BS*	-	CB18-A	-
PALP-20LHY	PTX20HLBS-FS*	PTX20LBS-FS*	-	PTX20L-BS*	-	CB18L-A	-
PALP-50N18LAHY	-	PIX50LBS-FS#	-	PIX50L-BS#	-	C50-N18L-A3	-
PALP-50N18LAHY	-	PIX50LBS-FS#†	-	PIX50L-BS#†	-	SC50-N18L-AT	-
PALP-30LHY	PIX30HLBS-FS	PIX30LBS-FS	-	PIX30L-BS	-	CB30L-B	-
PALP-30LHY	-	PIX30CLBS-FS	-	-	-	CB30CL-B	-
-	PIX30HLBS-FS	PIX30LBS-FS	-	PIX30L-BS	-	C60-N24AL-B	-
-	-	51913-FS	-	-	-	51913	-
PALP-30LHY	PIX30HLBS-FS	PIX30LBS-FS	-	PIX30L-BS	-	53030	-

[†] Eliminates need for sensor (needs to be disabled).

* The PTX20 series batteries may be used as an optional upgrade, but some modification to the hold down may be necessary. See battery label for retrofit cautions.

Top and front terminal mounts only.

[†] Eliminates need for sensor (needs to be disabled).

* The PTX20 series batteries may be used as an optional upgrade, but some modification to the hold down may be necessary. See battery label for retrofit cautions.

Top and front terminal mounts only.

FURTHER INFORMATION

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22

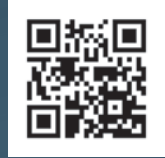


POWER AND PERFORMANCE FROM POWER SONIC

**FURTHER INFORMATION**

Please refer to our website www.power-sonic.com for product catalogs, safety data sheets (SDS), ISO certification, etc.

power-sonic.com



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



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Power Sonic is dedicated to continual product development enabling us to offer solutions for all industry specifications globally. We pride ourselves on product quality, performance and reliability, meeting the industry standards and approvals.

To ensure safe and efficient operation always refer to the latest edition of our Technical Manual, as published on our website.

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