PSL-BTC/BTP SERIES

RECHARGEABLE LITHIUM IRON PHOSPHATE BATTERIES

LiFePO4 Bluetooth® Series

Bluetooth®

- Medical
- Solar
- Wind
- Mobility
- Data Center
- Transport
- Sport & Recreation
- Utility

Utilizing an intelligent BMS and Bluetooth® communication, the Power Sonic PSL Bluetooth® series ensures you can monitor your battery status and localize any potential issues.

The PSL Bluetooth® series is a drop-in replacement for lead acid batteries, bringing with it all the benefits of lithium technology combined with an intelligent battery management system (BMS). It delivers a 70% weight reduction, a superior cycle life and, as it utilizes LiFePO4 technology, a much safer solution than alternative lithium technologies.

At the heart of every Power Sonic lithium battery is an intelligent BMS that monitors and reacts to multiple voltage, current, and temperature events to maximize performance, battery life and safety. Now with a free Bluetooth® app available you can get instant access to the battery state of charge (SOC), voltage, cycles and a complete log on any potential issues.

POWER**PS**SONIC
TRUSTED BATTERY SOLUTIONS

power-sonic.com

POWER PS SONIC®
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Medical Solar Wind Mobility Data Center Transport Sport & Recreation Utility

PSL-BTC/BTP SERIES

Rechargeable Lithium Iron Phosphate Battery
PSL BTC/BTP – LiFePO4 Bluetooth® Series

BMS FEATURES

- Balancing function for cells
- Over-current protection
- Over-charge protection
- Over-discharge protection
- Over-temperature protection

Bluetooth® bsi. ISO 9001 Quality Management UL

FEATURES

- Compact and only 40% of the weight of comparable lead acid batteries
- Up to 10 times more cycles than lead acid batteries
- Faster charging and lower self-discharge
- Delivers twice the power of lead acid batteries, even high discharge rate, while maintaining high energy capacity
- Super safe chemistry reducing the risk of explosion or combustion due to high impact, over-charging or short circuit situation
- Rugged impact resistant ABS case and cover flame retardant to UL94:V0
- Battery Management System (BMS) controls the parameters of the battery to provide optimum safety and performance
- BMS enhanced design balances the battery cells and protects against overcharging and discharging
- Bluetooth® communication capability for battery status through Power Sonic app

SPECIFICATIONS

Model	Battery Management System	Bluetooth® Communication	Parallel Connection	Nominal Voltage	Rated Capacity AH	Approx. Dimensions: inch (mm)						Approx. Weight		Terminal Type
						Length		Width		Height				
						inch	mm	inch	mm	inch	mm	lbs.	kgs.	
PSL-BTC-1290	✓	✓	4	12.8V	9Ah	5.94	151	2.55	65	3.74	95	2.64	1.2	F2
PSL-BTC-12120	✓	✓	4	12.8V	12Ah	5.94	151	3.87	98.5	3.74	95	3.52	1.6	F2
PSL-BTP-12200	✓	✓	4	12.8V	20Ah	7.13	181	3.00	76	6.50	165	6.61	3	M6
PSL-BTP-12500	✓	✓	4	12.8V	50Ah	7.72	196	6.50	165	6.85	174	14.33	6.5	M8
PSL-BTP-12750	✓	✓	4	12.8V	75Ah	10.24	260	6.62	168	8.39	213	21.60	9.8	M8
PSL-BTP-121000	✓	✓	4	12.8V	100Ah	12.52	318	6.50	165	8.47	215	28.20	12.8	M8
PSL-BTP-121250	✓	✓	4	12.8V	125Ah	12.51	318	6.49	165	8.46	215	32.80	14.9	M8
PSL-BTP-121500	✓	✓	4	12.8V	150Ah	19.09	485	6.70	170	9.45	240	44.53	20.2	M8
PSL-BTP-122000	✓	✓	4	12.8V	200Ah	19.03	483.5	6.70	170	9.50	241	53.35	24.2	M8
PSL-BTP-123000	✓	✓	4	12.8V	300Ah	20.48	520	10.55	268	8.72	221.6	83.11	37.7	M8
PSL-BTP-24500	✓	✓	4	25.6V	50Ah	12.52	318	6.50	165	8.47	215	27.11	12.3	M8
PSL-BTP-241000	✓	✓	4	25.6V	100Ah	19.03	483.5	6.69	170	9.49	241	54.60	24.8	M8

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FURTHER INFORMATION

Please refer to our website **www.power-sonic.com** for a complete range of useful downloads, such as product catalogs, material safety data sheets (MSDS), ISO certification, etc.

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