

PSL-FP SERIES

RECHARGEABLE LITHIUM IRON PHOSPHATE CELLS

LiFePO4 Cells



Power Sonic's PSL-FP series features prismatic and cylindrical formats in both energy and power cells. Featuring proven and safe lithium iron phosphate (LiFePO4) technology, the PSL-FP series delivers many options for different battery configurations and application-specific needs.

With high efficiency, and ultra-fast charging and discharging the PSL-FP series is ideal for industrial applications where a long-life span and quick charging capabilities are needed.



Medical



Solar



Wind



Mobility



Data Center



Transport



Sport &
Recreation



Utility



PSL-FP SERIES

Rechargeable Lithium Iron
Phosphate Cells
LiFePO4 Cells

APPROVALS

- UL 1642 certificate
- IEC 62133 certificate
- IEC 62619 certificate
- UN 38.3 certified
- ISO9001:2015 - Quality management systems



CELL FEATURES

- Super safe lithium iron phosphate (LiFePO4) chemistry reducing the risk of explosion or combustion due to high impact, over-charging or short circuits
- Construct custom battery design by placing two or more cells in parallel and/or series
- Fast charging and low self-discharge rate
- Durable steel case material

Model	Nominal Voltage	Rated Capacity	Dimensions: inch (mm)								Weight		Terminal Type Standard
			Length		Width/Diameter		Height		Total Height				
			V	AH	inch	mm	inch	mm	inch	mm	inch	mm	
PSL-FP-IFP2770180EC	3.2V	25AH	2.76	70	1.06	27	6.49	165	7.09	180	4.37	1.99	M6
PSL-FP-IFP2770180EN	3.2V	25AH	2.76	70	1.06	27	6.49	165	6.65	169	4.37	1.99	Ni Plate
PSL-FP-IFP30135185EC	3.2V	50AH	5.31	135	1.15	29.3	7.08	180	7.80	198	3.08	1.40	M6
PSL-FP-IFP30135185EN	3.2V	50Ah	5.31	135	1.15	29.3	7.08	180	7.40	188	3.08	1.40	Ni Plate
PSL-FP-IFP36130200EC	3.2V	100AH	5.12	130	1.44	36.7	8.27	210	8.43	214	4.37	1.99	M6
PSL-FP-IFP36130200EN	3.2V	100AH	5.12	130	1.44	36.7	7.68	195	7.99	203	4.37	1.99	Ni Plate
PSL-FP-IFR18650EC	3.2V	1.5AH	2.56	65	0.72	18					0.09	0.04	Button
PSL-FP-IFR18650PC	3.2V	1.1AH	2.56	65	0.72	18					0.09	0.04	Button
PSL-FP-IFR26650EC	3.2V	3.4AH	2.56	65	0.99	26					0.19	0.085	Button
PSL-FP-IFR26650PC	3.2V	2.3AH	2.56	65	0.99	26					0.19	0.085	Button

*2 packs can be connected in series, parallel connection not recommended

GLOBAL HEADQUARTERS (USA AND INTERNATIONAL EXCLUDING EMEA)

Power-Sonic Corporation
365 Cabela Dr Suite 300,
Reno, Nevada 89439
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

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.

Mouser Electronics

Authorized Distributor

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