

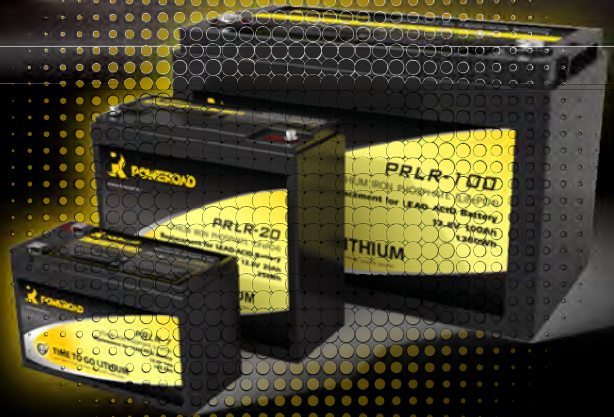


# NO ONE PROTECTS BATTERY PACK BETTER THAN US



## LITHIUM ION PHOSPHATE (LiFePO4) RECHARGEABLE BATTERY

PowerRoad PRLR series is 12V lithium iron phosphate battery, offering a drop-in solution for lead acid battery replacement. Our battery can be used individually or assembled in series to create 48V system. Thanks to benefits of lithium iron phosphate, our battery is more and more applied to fields such as Solar, RV, Marine and other deepcycle applications.



### POWERROAD HIGHLIGHTS



#### HARD CORE

We creatively design a strong metal frame to helmet the battery pack which offers full protection against knocks and drops, and ensure better stability & safety when used in high shock and vibration environments like RV/Marine.



#### Long cycle life

10 times of lead acid battery's cycle life



#### Ultra low self discharge

<2% per month



#### More usable capacity

Up to 100% usable energy



#### BMS Protection

Ensuring safety and efficient operation



#### Fast charging

10 times faster than lead acid battery



#### Charging

Compatible with AGM battery chargers



#### Light weight

About 1/3 of lead acid battery's weight



#### Increased Flexibility

Up to 4 batteries in series



#### Easy Installation

Drop-in replacement for lead acid battery

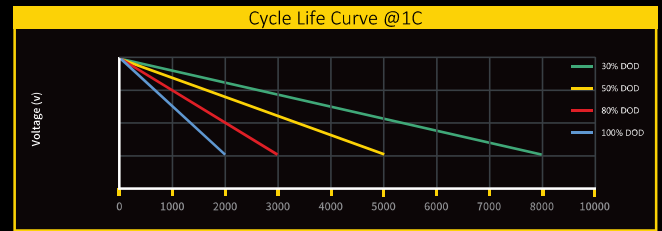
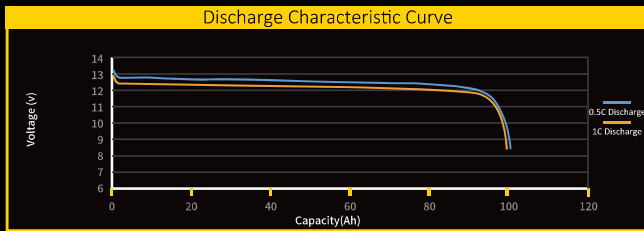
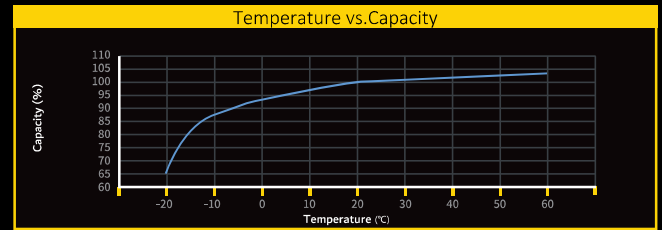
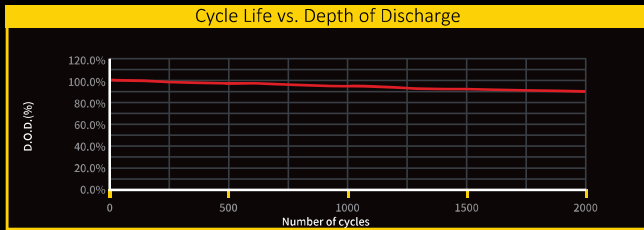


#### Environment friendly

No toxic, no acid, can be installed in any direction.

## SPECIFICATIONS

	Model	Capacity (Ah)	Energy (Wh)	Charge Current (A)	Max Charge Current (A)	Max Discharge Current (A)	Pulse Current (<3S)	Dimensions (MM)	Terminal	BCI Group
<b>LONG LIFE SERIES</b>	PRLR-7	7	102	1.6	8	8	16	151*65*100	F1/F2	
	PRLR-10	10	128	2	10	10	20	151*98*100	F2	
	PRLR-20	20	256	4	20	20	40	181*77*167	M5	
	PRLR-33	33	422	6.6	33	33	66	196*132*180	M6	U1
	PRLR-40	40	512	8	40	40	80	196*166*184	M6	
<b>HARD CORE SERIES</b>	PRLR-75	75	960	15	75	75	150	260*169*227	M6	24
	PRLR-90	90	1152	18	90	90	180	307*169*228	M8	27
	PRLR-100	100	1280	20	100	100	200	333*172*221	M8	31
	PRLR-150	150	1920	30	100	100	200	483*170*241	M8	
	PRLR-200	200	2560	40	100	100	200	522*240*245	M8	



## APPLICATIONS



## CONTACT US

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