

*NO ONE PROTECTS  
BATTERY PACK  
BETTER THAN US*



## LITHIUM IRON 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 a 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 deep cycle 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



#### More Usable Capacity

Up to 100% usable energy



#### Fast Charging

10 times faster than lead acid battery



#### Light Weight

About 1/3 of lead acid battery's weight



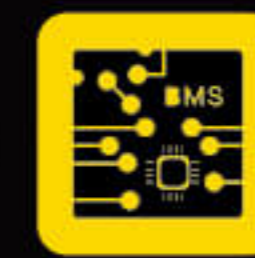
#### Easy Installation

Drop-in replacement for lead acid battery



#### Ultra Low Self Discharge

<2% per month



#### BMS Protection

Ensuring safety and efficient operation



#### Charging

Compatible with AGM battery chargers



#### Increased Flexibility

Up to 4 batteries in series

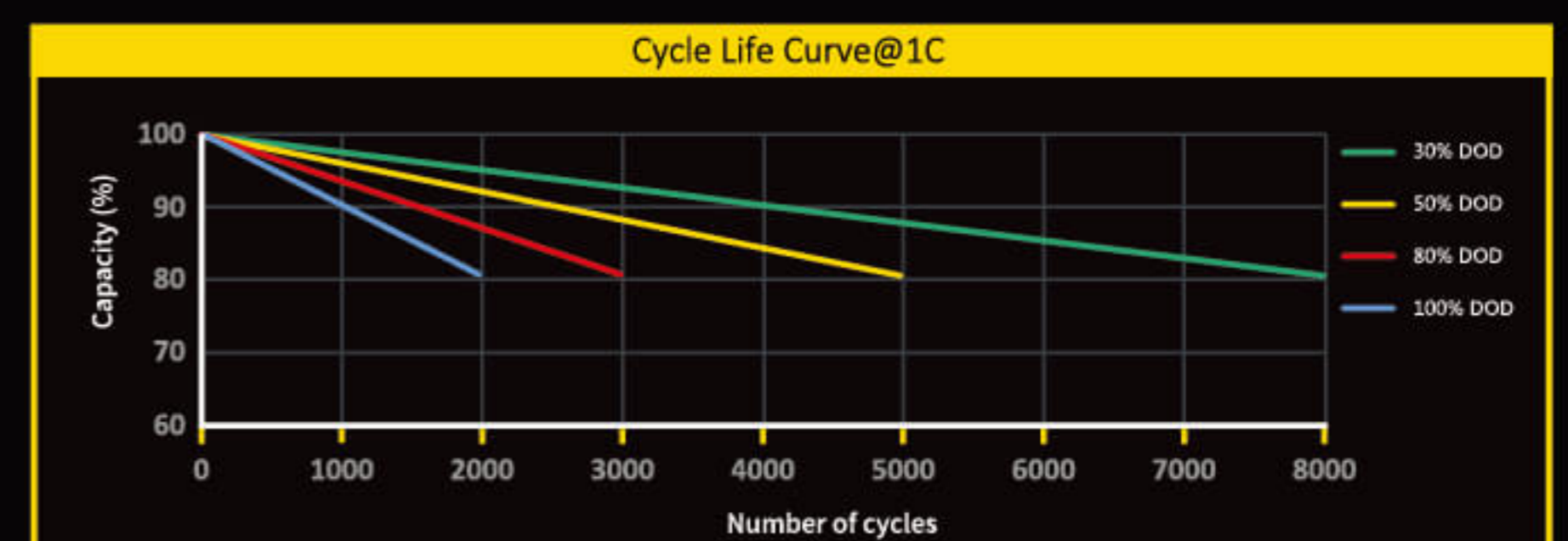
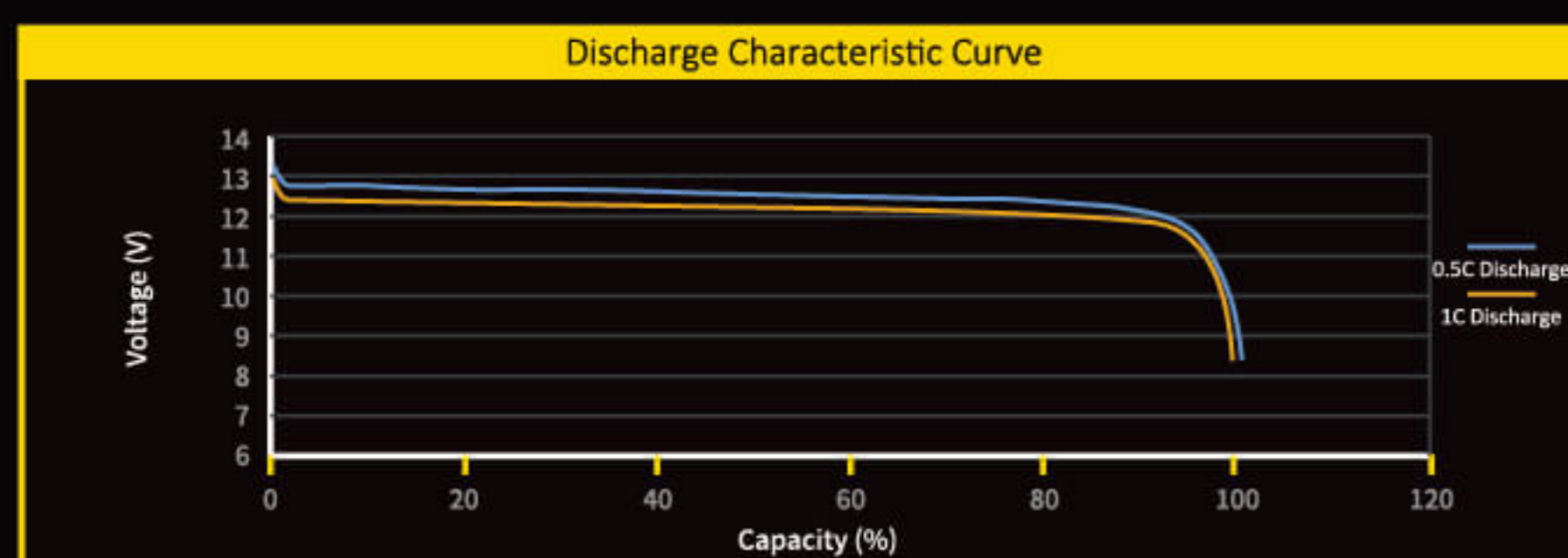
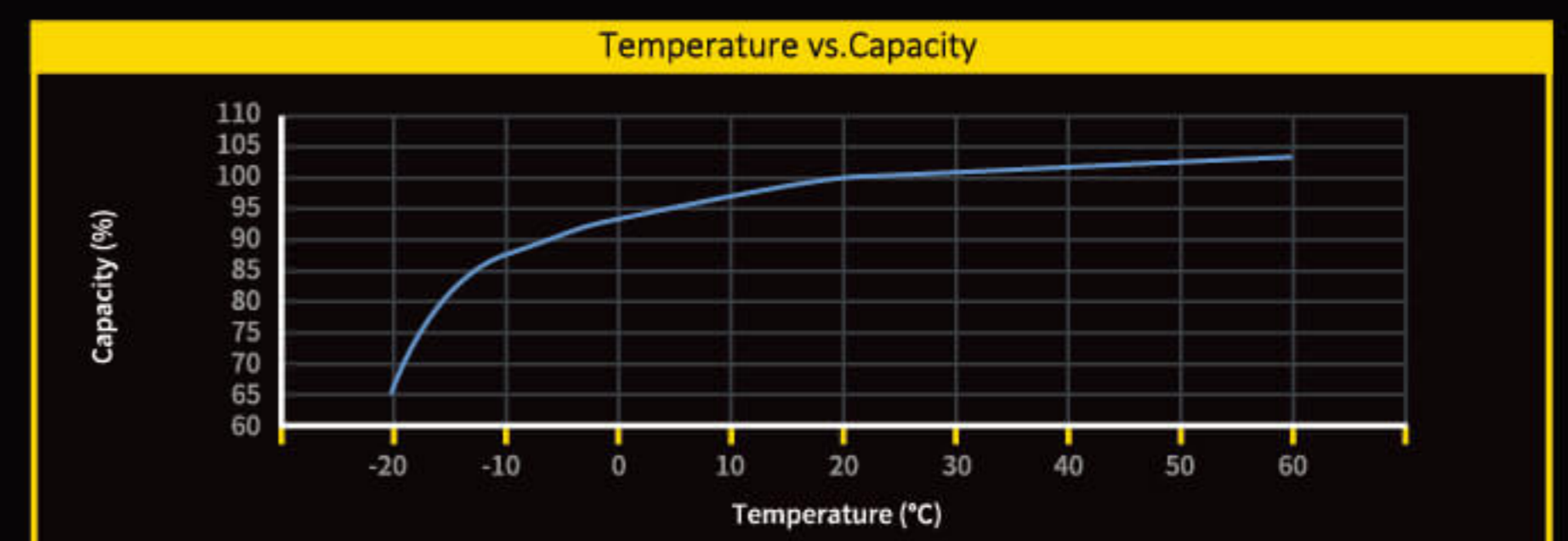
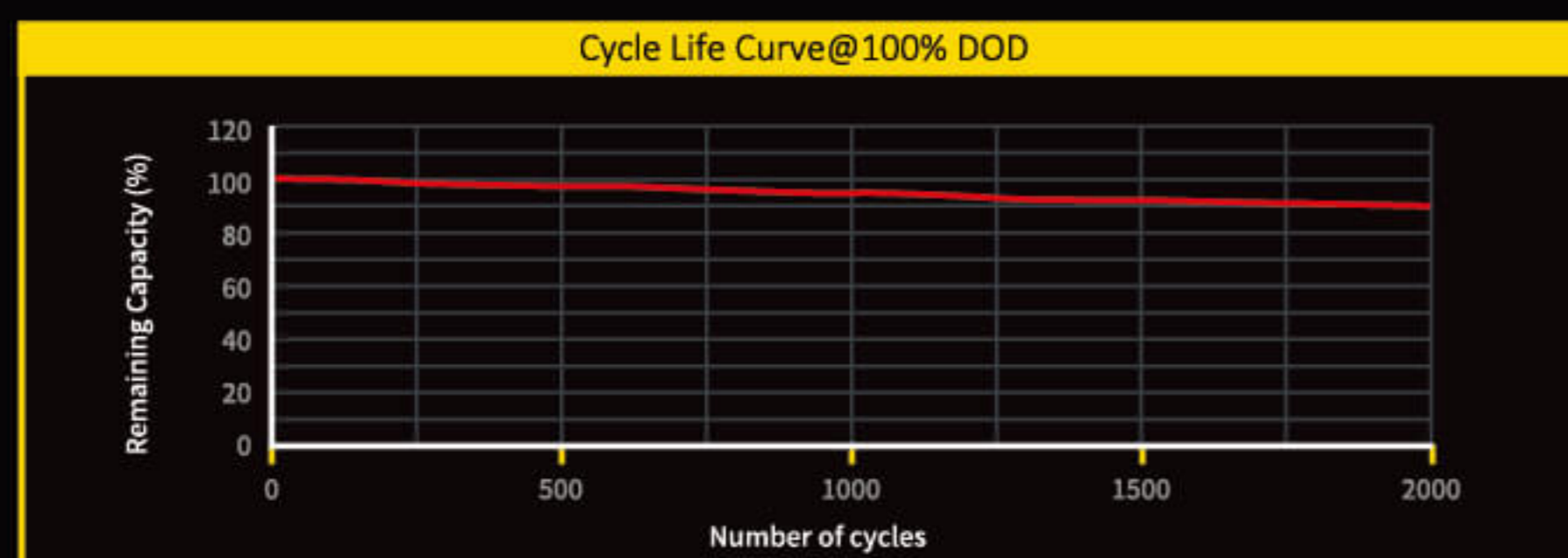


#### Environment Friendly

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	90	1.4	7	7	14	150*65*101	F1/F2	
	PRLR-10	10	128	2	10	10	20	151*100*104	F2	
	PRLR-20	20	256	4	20	20	40	181*77*170	M5	
	PRLR-33	33	422	6.6	33	33	66	196*132*174	M6	U1
	PRLR-40	40	512	8	40	40	80	196*166*169	M6	
<b>HARD CORE SERIES</b>	PRLR-75	75	960	15	75	75	200	260*168*211	M6	24
	PRLR-90	90	1152	18	90	90	300	307*169*228	M8	27
	PRLR-100	100	1280	20	100	100	350	327*172*218	M8	31
	PRLR-100(C)	100	1280	20	100	150	300	327*172*218	M8	31
	PRLR-150	150	1920	30	100	100	300	483*170*241	M8	
	PRLR-200	200	2560	40	100	100	300	522*240*245	M8	



## APPLICATIONS



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