



**abs**

## HC LiFePO4 Series

Rechargeable Li-Ion Industrial Battery

Features of LiFePO4 Battery



- ❖ **UN38.3 Certified**
- ❖ **Longer Cycle Life:** Over 3000 cycles at 100% DOD.
- ❖ **Lighter Weight:** About 40% of the weight of a comparable lead acid battery.
- ❖ **Easy Replacement:** Drop in replacement for VRLA.
- ❖ **Cold Charge Protection:** Smart BMS prohibits charging in cold weather to protect the battery.
- ❖ **Wide Temperature Range:** -20 to +60°C.
- ❖ **Long Storage Time:** Self discharge is <2% per month at normal temperatures so the batteries can be stored for a long time without charging prior to use.
- ❖ **Superior Safety:** Lithium Iron Phosphate chemistry and Smart BMS eliminates the risk of explosion or combustion due to high impact, overcharging, overcurrent, over temperature, cell balance, or short circuit.
- ❖ **Increased Flexibility:** Modular design enables deployment of up to 4 batteries in series and up to 10 batteries in parallel.

### Product Applications



UPS



Signal



Emergency Lighting



Solar



Base Station



Electric Vehicle



Other

### Product Specifications

HC Model	Voltage (V)	Capacity (Ah)	Length (mm)	Width (mm)	Height (mm)	Total Height	Weight (Kgs)
HC12.8V8Ah	12.8	8	151	65	91	98	1.0
HC12.8V12Ah	12.8	12	151	99	96	101	1.7
HC12.8V20Ah	12.8	20	181	77	168	168	2.3
HC12.8V35Ah	12.8	35	194	132	173	173	4.3
HC12.8V50Ah	12.8	50	197	165	169	169	5.3
HC12.8V60Ah	12.8	60	230	138	208	208	7.0
HC12.8V75Ah	12.8	75	260	170	208	208	8.6
HC12.8V100Ah	12.8	100	260	170	208	208	11.5
HC12.8V120Ah	12.8	120	305	169	210	210	14.0
HC12.8V150Ah	12.8	150	330	173	216	216	15.5

