

Lithium-ion Battery

Product Display

Fast Charging

1.5C high-rate charge



High Security

Solid-state technology



High Consistency

Voltage difference $\leq 3\text{mV}$



Low Resistance

High discharge rate with low temperature rise



High Energy Efficiency

More than 95% @ 25°C



Long Cycle Life

$\geq 10000 + \text{cyc}$ @ 25°C



Product Specifications

Model		LFP102Ah	LFP280Ah	LFP304Ah	LFP314Ah
Dimensions (H*W*D)	Containing terminal plates & insulation tape	118.60*160.30*49.90mm	207.01*173.80*71.72mm	207.01*173.80*71.72mm	207.01*173.80*71.72mm
Capacity	25°C@0.5C/0.5C	$\geq 102\text{Ah}$	$\geq 280\text{Ah}$	$\geq 304\text{Ah}$	$\geq 314\text{Ah}$
ACR	25°C, 1kHz	0.25-0.35mΩ	0.15-0.25mΩ	0.15-0.25mΩ	0.15-0.25mΩ
DCR	25°C@50%SOC(2C30s)	$\leq 1.5\text{m}\Omega$	$\leq 0.5\text{m}\Omega$	$\leq 0.5\text{m}\Omega$	$\leq 0.5\text{m}\Omega$
Max. Continuous Charging Current	/	1C	1C	1.5C(15%-95%)	1C
Discharge Temperature	/	-30°C-60°C	-30°C-60°C	-30°C-60°C	-30°C-60°C
Energy Efficiency	0.5P/0.5P	$\geq 95\%$	$\geq 95\%$	$\geq 95\%$	$\geq 95\%$
Cycle Life	0.5P/0.5P@80%SOH	/	6000cyc	/	6000cyc
	0.5P/0.5P@70%SOH	6000cyc	8000cyc	/	10000cyc
	1P/1P@70%SOH	/	/	6000cyc	/
	Step Charge 1C/0.5C@80%SOH	/	/	5000cyc	/

Product Features

Solid-state electrolyte technology is to be applied for the first time in energy storage and heavy-duty truck fields, demonstrating no smoke or fire upon nail penetration.

