

LITHIUM-ION BATTERY POWER SYSTEM

51.2V100Ah Wall mounted

This series is a complete solution for the lithium iron phosphate battery system for the home energy storage field. The system is safe and reliable. It can be used in home storage, industrial and commercial energy storage and other fields.



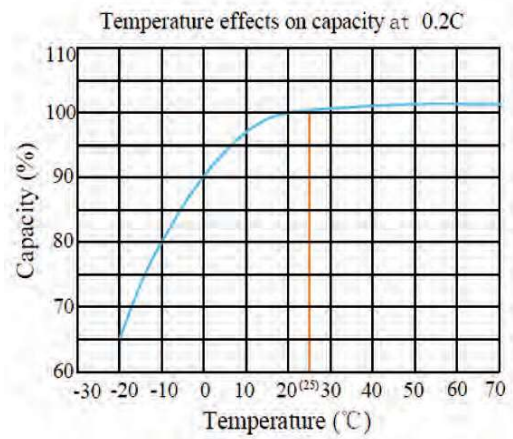
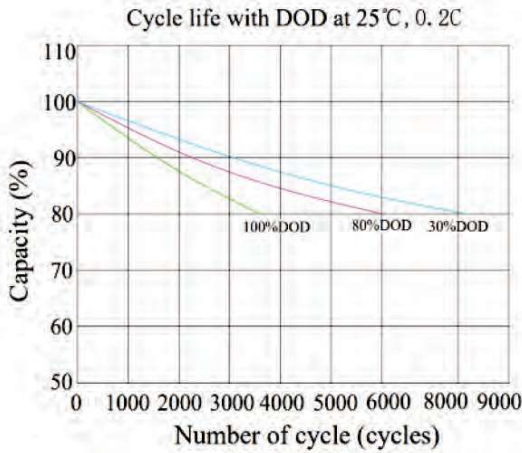
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<ul style="list-style-type: none"> • Safe, reliable and long life • Dynamic identification, automatic paralleling, no need for DIP switches • Support Bluetooth, mobile APP switching PCS protocol • CAN/RS485/LAN interface • Visualization, LCD screen display • Flexible expansion, the number of parallel machines supports up to 15 • Supports mixed parallel of old and new batteries • Remote intelligent upgrade maintenance 	<table border="1"> <tr> <td>Voltage(V)</td> <td>43.2~58.4V</td> </tr> <tr> <td>Cell</td> <td>3.2V100Ah</td> </tr> <tr> <td>Module</td> <td>16S1P</td> </tr> <tr> <td>Number of parallel machines</td> <td>15PCS</td> </tr> <tr> <td>Nominal voltage(V)</td> <td>51.2</td> </tr> <tr> <td>Nominal Capacity(Ah)</td> <td>100</td> </tr> <tr> <td>Nominal Energy(kWh)</td> <td>5.12</td> </tr> <tr> <td>Maximum power output(kW)</td> <td>5.12</td> </tr> <tr> <td>Maximum discharge current(A)</td> <td>100</td> </tr> <tr> <td>Maximum charging current(A)</td> <td>100</td> </tr> <tr> <td>Cut-off voltage(V)</td> <td>40</td> </tr> <tr> <td>Maximum charge voltage(V)</td> <td>58.4</td> </tr> <tr> <td>Cycles(25°C)</td> <td>≥6000</td> </tr> <tr> <td>Charging temperature(°C)</td> <td>0~55</td> </tr> <tr> <td>Discharge temperature(°C)</td> <td>-20~55</td> </tr> <tr> <td>Operating humidity</td> <td><95%R.H</td> </tr> <tr> <td>Communication mode</td> <td>CAN/RS485</td> </tr> <tr> <td>Dry contact</td> <td>Customized by demand</td> </tr> <tr> <td>Optional modules</td> <td>Bluetooth, 4G module</td> </tr> <tr> <td>Product size(W*D*H,mm)</td> <td>580*415*150</td> </tr> <tr> <td>Packing size(W*D*H,mm)</td> <td>652*487*265</td> </tr> <tr> <td>Protection class</td> <td>IP21</td> </tr> <tr> <td>System weight(kg)</td> <td>Approx 50</td> </tr> <tr> <td>Certification</td> <td>IEC62619/UN38.3/MSDS</td> </tr> </table>		Voltage(V)	43.2~58.4V	Cell	3.2V100Ah	Module	16S1P	Number of parallel machines	15PCS	Nominal voltage(V)	51.2	Nominal Capacity(Ah)	100	Nominal Energy(kWh)	5.12	Maximum power output(kW)	5.12	Maximum discharge current(A)	100	Maximum charging current(A)	100	Cut-off voltage(V)	40	Maximum charge voltage(V)	58.4	Cycles(25°C)	≥6000	Charging temperature(°C)	0~55	Discharge temperature(°C)	-20~55	Operating humidity	<95%R.H	Communication mode	CAN/RS485	Dry contact	Customized by demand	Optional modules	Bluetooth, 4G module	Product size(W*D*H,mm)	580*415*150	Packing size(W*D*H,mm)	652*487*265	Protection class	IP21	System weight(kg)	Approx 50	Certification	IEC62619/UN38.3/MSDS
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<p>Panel silkscreen preview</p>	<p>Battery communication interface preview</p>																																																	

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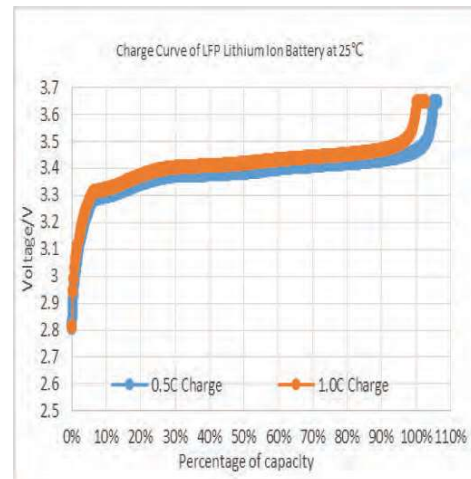
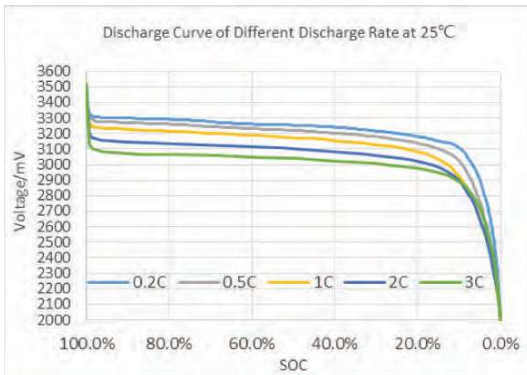
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PRODUCT RENDERINGS



CELL CHARACTERISTIC CURVE



With process improvements and product upgrades, the product parameters are subject to change without prior notice

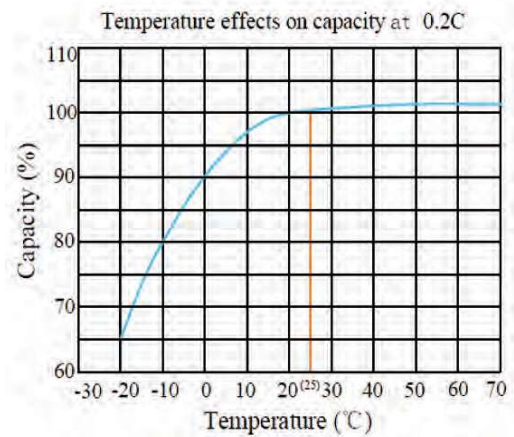
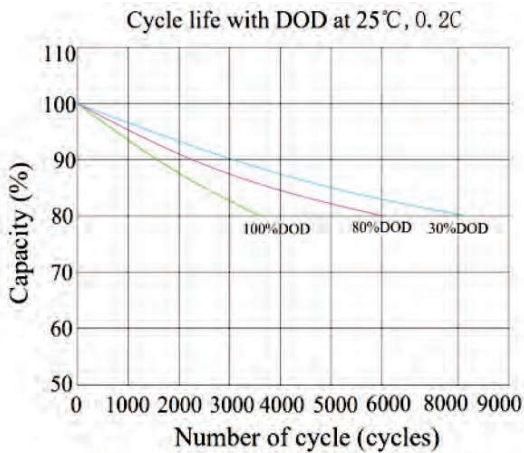
Version : 202307

LITHIUM-ION BATTERY POWER SYSTEM

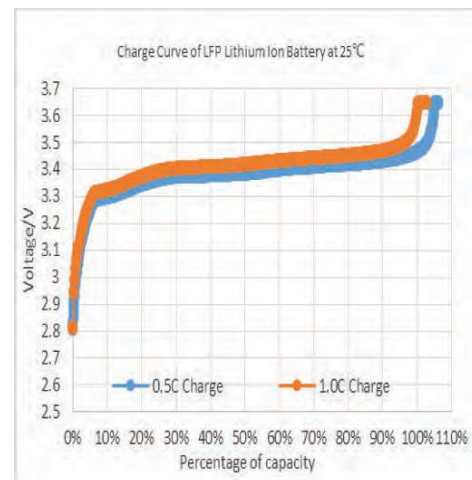
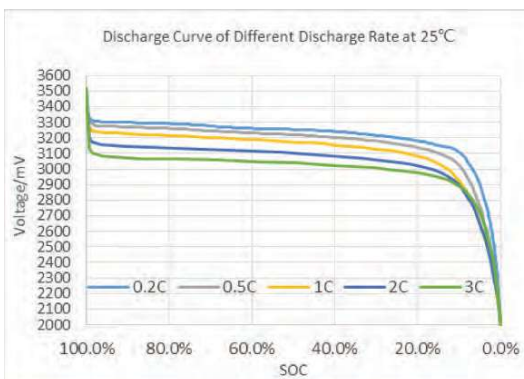
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	Cell	3.2V100Ah
	Module	16S1P
	Number of parallel machines	15PCS
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	Nominal Energy(kWh)	5.12
	Maximum power output(kW)	5.12
	Maximum discharge current(A)	100
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	Optional modules	Wi-Fi, 4G module
	Product size(W*D*H,mm)	540*450*178
	Packing size(W*D*H,mm)	652*487*265
	Protection class	IP31
	System weight(kg)	Approx 44±1
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