

## Battery Pack 48V 100AH LFP

Specification	
Description	48V 100AH LFP
Nominal voltage	51.2V
Battery configuration	16S1P
Rated capacity	100Ah
Nominal energy	5120wh
Cycle Life	3500 cycles, 80% SOH
Usage application	E-RIKSHAW / THREE-WHEELER
Battery operating voltage range	40V to 58.4V $\pm$ 0.5V
Continuous Charging Current	0.5C
Continuous Discharging Current	0.5C
SOC required for long period storage & transportation	25% / 25Ah
Inbuilt Automatic Protection System	YES
Low Voltage Protection	YES
Over Voltage Protection	YES
Over Charge/Discharge Current Protection	YES
Thermal Protection	YES

Amossys Portable Power LLP

Shed No-B4-05(FF), B4-06(FF), B4-07(FF) & B4-08(FF)

BIADA Industrial Area, Sikandarpur, Bihta Patna, Bihar – 801103

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## Battery Pack 48V 150AH LFP

Specification	
<b>Description</b>	<b>48V 150AH LFP</b>
<b>Nominal voltage</b>	51.2V
<b>Battery configuration</b>	16S1P
<b>Rated capacity</b>	150Ah
<b>Nominal energy</b>	7680wh
<b>Cycle Life</b>	4000 cycles, 80% SOH
<b>Usage application</b>	E-RIKSHAW / THREE-WHEELER
<b>Battery operating voltage range</b>	40V to 58.4V $\pm$ 0.5V
<b>Continuous Charging Current</b>	0.5C
<b>Continuous Discharging Current</b>	0.5C
<b>SOC required for long period storage &amp; transportation</b>	25% / 37Ah
<b>Inbuilt Automatic Protection System</b>	YES
<b>Low Voltage Protection</b>	YES
<b>Over Voltage Protection</b>	YES
<b>Over Charge/Discharge Current Protection</b>	YES
<b>Thermal Protection</b>	YES

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## Battery Pack 48V 314AH LFP

Specification	
<b>Description</b>	<b>48V 314AH LFP</b>
<b>Nominal voltage</b>	51.2V
<b>Battery configuration</b>	16S1P
<b>Rated capacity</b>	314Ah
<b>Nominal energy</b>	16,077wh
<b>Cycle Life</b>	8000 cycles, 70% SOH
<b>Usage application</b>	E-RIKSHAW / THREE-WHEELER
<b>Battery operating voltage range</b>	40V to 58.4V $\pm$ 0.5V
<b>Continuous Charging Current</b>	157A @ 0.5C
<b>Continuous Discharging Current</b>	157A @ 0.5C
<b>SOC required for long period storage &amp; transportation</b>	25% / 78Ah
<b>Inbuilt Automatic Protection System</b>	YES
<b>Low Voltage Protection</b>	YES
<b>Over Voltage Protection</b>	YES
<b>Over Charge/Discharge Current Protection</b>	YES
<b>Thermal Protection</b>	YES

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