

ASPIRO

CONVEY THE SUN POWER

LiFePO4
Lithium Energy
STORAGE SERIES

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ASPIRO
CONVEY THE SUN POWER

SMART BMS
LITHIUM ION BATTERIES



More Available Power



Flexible Investment



Safe & Reliable



Simple Installation

PRODUCT ADVANTAGES

All in one mould design and production, easy to install. With longer span life LiFePO4 battery, over 12 years lifespan, ensure the whole set products life span. Dustproof structure design, DC output, safe and reliable. Integrated packaging, safe and convenient to transport. wide voltage input, when unexpected high voltage input, can effectively block the high voltage, so that the BMS of the battery will not be broken down, greatly reducing the risk of thermal runaway combustion of lithium battery Compact appearance design, extremely compressed product thickness, greatly reducing space occupancy. High quality aluminium magnesium alloy, anti-corrosion, substantial, durable, artistic, practical. Integrated charging and storage, reduce wiring, installation and other work, and facilitate user operation.

Corporate Office :
Aspiro Global Electric Pvt. Ltd.
Near Zila Sahkari Bank, Subhash Nagar, Paniyala Road, Roorkee, Haridwar, Uttarakhand, 247667
For Customer Suggestion & Complaint Call : +91 7060310095, Toll Free Number :- 1800 309 5488 E-mail : info@aspiroglobal.co.in | Website : www.aspiroglobal.co.in

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ASPIRO
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12v/ 24v LiFePO4 Batteries Series



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CATL EVE CELLS

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Product Model	AG-LP-12100
Cell pack basic parameter	
Pack Nominal Voltage/ V	12.8V
Max Charge Voltage/ V	3.65V
Cell Nominal Capacity/AH	100AH
Battery Pack Energy/ KWH	1.28KWH
Cell MAX Discharge Rate/ C	2
Cell MAX Charge Rate/ C	1
Cell In Series	4
Cell In Parellel	1
Battery Pack Method	Laser Welding
DOD	90%
Cycle Life	6000 Times
Warranty	5 Years
Battery Parameter	
BMS Type	Software RS485/CAN
Operating Voltage Range/ V	10~14.6V
Continuous Current/A	100A
Charger Voltage(MAX)/ V	14.6V
Type Current/A	100A
Continuous Current(MAX)/ A	100A
Over Voltage/ V	14.4V
Interface Protection	
Battery Dimension	290*180*190 MM
Net Weight	13.4+_5KG
Charge/ Discharge Port	M8 bolt
Cell over voltage Alarm/ V	3.6V
Cell over voltage protection resume/ V	3.4V
Pack over voltage Protection/ V	14.4V
Temperature protection	Discharging: -15 deg~70 deg C; charging: 0 ~ 60 deg C

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CATL EVE CELLS

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Product Model	AG-LP-12150
Cell pack basic parameter	
Pack Nominal Voltage/ V	12.8V
Max Charge Voltage/ V	3.65V
Cell Nominal Capacity/AH	150AH
Battery Pack Energy/ KWH	1.92KWH
Cell MAX Discharge Rate/ C	2
Cell MAX Charge Rate/ C	1
Cell In Series	4
Cell In Parellel	1
Battery Pack Method	Laser Welding
DOD	90%
Cycle Life	6000 times
Warranty	5 Years
Battery Parameter	
BMS Type	Software RS485/CAN
Operating Voltage Range/ V	10~14.6V
Continuous Current/A	100A
Charger Voltage(MAX)/ V	14.6V
Type Current/A	100A
Continuous Current(MAX)/ A	100A
Over Voltage/ V	14.4V
Interface Protection	
Battery Dimension	250*430*190 MM
Net Weight	19.5+_5KG
Charge/ Discharge Port	M8 bolt
Cell over voltage Alarm/ V	3.6V
Cell over voltage protection resume/ V	3.4V
Pack over voltage Protection/ V	14.4V
Temperature protection	Discharging: -15 deg~70 deg C; charging: 0 ~ 60 deg C

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Product Model	AG-LP-12200
Cell pack basic parameter	
Pack Nominal Voltage/ V	12.8V
Max Charge Voltage/ V	3.65V
Cell Nominal Capacity/AH	200AH
Battery Pack Energy/ KWH	2.56KWH
Cell MAX Discharge Rate/ C	2
Cell MAX Charge Rate/ C	1
Cell In Series	4
Cell In Parellel	1
Battery Pack Method	Laser Welding
DOD	90%
Cycle Life	6000 Times
Warranty	5 Years
Battery Parameter	
BMS Type	Software RS485/CAN
Operating Voltage Range/ V	10~14.6V
Continuous Current/A	100A
Charger Voltage(MAX)/ V	14.6V
Type Current/A	100A
Continuous Current(MAX)/ A	100A
Over Voltage/ V	14.4V
Interface Protection	
Battery Dimension	250*430*190 MM
Net Weight	24.2+_5KG
Charge/ Discharge Port	M8 bolt
Cell over voltage Alarm/ V	3.6V
Cell over voltage protection resume/ V	3.4V
Pack over voltage Protection/ V	14.4V
Temperature protection	Discharging: -15 deg~70 deg C; charging: 0 ~ 60 deg C

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Product Model	AG-LP-24100
Cell pack basic parameter	
Pack Nominal Voltage/ V	25.6V
Max Charge Voltage/ V	3.65V
Cell Nominal Capacity/AH	100AH
Battery Pack Energy/ KWH	2.56KWH
Cell MAX Discharge Rate/ C	2
Cell MAX Charge Rate/ C	1
Cell In Series	8
Cell In Parellel	1
Battery Pack Method	Laser Welding
DOD	90%
Cycle Life	6000 Times
Warranty	5 Years
Battery Parameter	
BMS Type	Software RS485/CAN
Operating Voltage Range/ V	20~29.2V
Continuous Current/A	100A
Charger Voltage(MAX)/ V	29.2V
Type Current/A	100A
Continuous Current(MAX)/ A	100A
Over Voltage/ V	29.2V
Interface Protection	
Battery Dimension	380*240*190 MM
Net Weight	23.9+_5KG
Charge/ Discharge Port	M8 bolt
Cell over voltage Alarm/ V	3.6V
Cell over voltage protection resume/ V	3.4V
Pack over voltage Protection/ V	29.2V
Temperature protection	Discharging: -15 deg~70 deg C; charging: 0 ~ 60 deg C

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Product Model	AG-LP-24150
Cell pack basic parameter	
Pack Nominal Voltage/ V	25.6V
Max Charge Voltage/ V	3.65V
Cell Nominal Capacity/AH	150AH
Battery Pack Energy/ KWH	3.84KWH
Cell MAX Discharge Rate/ C	2
Cell MAX Charge Rate/ C	1
Cell In Series	8
Cell In Parellel	1
Battery Pack Method	Laser Welding
DOD	90%
Cycle Life	6000 Times
Warranty	5 Years
Battery Parameter	
BMS Type	Software RS485/CAN
Operating Voltage Range/ V	20~29.2V
Continuous Current/A	100A
Charger Voltage(MAX)/ V	29.2V
Type Current/A	100A
Continuous Current(MAX)/ A	100A
Over Voltage/ V	29.2V
Interface Protection	
Battery Dimension	350*190*500 MM
Net Weight	40.5+_5KG
Charge/ Discharge Port	M8 bolt
Cell over voltage Alarm/ V	3.6V
Cell over voltage protection resume/ V	3.4V
Pack over voltage Protection/ V	29.2V
Temperature protection	Discharging: -15 deg~70 deg C; charging: 0 ~ 60 deg C

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Product Model	AG-LP-24200
Cell pack basic parameter	
Pack Nominal Voltage/ V	25.6V
Max Charge Voltage/ V	3.65V
Cell Nominal Capacity/AH	200AH
Battery Pack Energy/ KWH	5.12KWH
Cell MAX Discharge Rate/ C	2
Cell MAX Charge Rate/ C	1
Cell In Series	8
Cell In Parellel	1
Battery Pack Method	Laser Welding
DOD	90%
Cycle Life	6000 Times
Warranty	5 Years
Battery Parameter	
BMS Type	Software RS485/CAN
Operating Voltage Range/ V	20~29.2V
Continuous Current/A	100A
Charger Voltage(MAX)/ V	29.2V
Type Current/A	100A
Continuous Current(MAX)/ A	100A
Over Voltage/ V	29.2V
Interface Protection	
Battery Dimension	350*190*500 MM
Net Weight	50+_5KG
Charge/ Discharge Port	M8 bolt
Cell over voltage Alarm/ V	3.6V
Cell over voltage protection resume/ V	3.4V
Pack over voltage Protection/ V	29.2V
Temperature protection	Discharging: -15 deg~70 deg C; charging: 0 ~ 60 deg C

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ASPIRO
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48v
LiFeP04 Batteries Series



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Product Model	AG-LP-48100
Cell pack basic parameter	
Pack Nominal Voltage/ V	51.2V
Max Charge Voltage/ V	3.65V
Cell Nominal Capacity/AH	100AH
Battery Pack Energy/ KWH	5.12KWH
Cell MAX Discharge Rate/ C	2
Cell MAX Charge Rate/ C	1
Cell In Series	16
Cell In Parellel	1
Battery Pack Method	Laser Welding
DOD	90%
Cycle Life	6000 Times
Warranty	5 Years
Battery Parameter	
BMS Type	Software RS485/CAN
Operating Voltage Range/ V	44~58.4V
Continuous Current/A	120A
Charger Voltage(MAX)/ V	58.4V
Type Current/A	100A
Continuous Current(MAX)/ A	110A
Over Voltage/ V	58.4V
Interface Protection	
Battery Dimension	500*480*720 MM
Net Weight	45+_5KG
Charge/ Discharge Port	M8 bolt
Cell over voltage Alarm/ V	3.6V
Cell over voltage protection resume/ V	3.4V
Pack over voltage Protection/ V	58.4V
Temperature protection	Discharging: -15 deg~70 deg C; charging: 0 ~ 60 deg C

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Product Model	AG-LP-48150
Cell pack basic parameter	
Pack Nominal Voltage/ V	51.2V
Max Charge Voltage/ V	3.65V
Cell Nominal Capacity/AH	150AH
Battery Pack Energy/ KWH	7.68KWH
Cell MAX Discharge Rate/ C	2
Cell MAX Charge Rate/ C	1
Cell In Series	16
Cell In Parellel	1
Battery Pack Method	Laser Welding
DOD	90%
Cycle Life	6000 Times
Warranty	5 Years
Battery Parameter	
BMS Type	Software RS485/CAN
Operating Voltage Range/ V	44~58.4V
Continuous Current/A	120A
Charger Voltage(MAX)/ V	58.4V
Type Current/A	100A/200A
Continuous Current(MAX)/ A	110A
Over Voltage/ V	58.4V
Interface Protection	
Battery Dimension	780*500*720 MM
Net Weight	55+_5KG
Charge/ Discharge Port	M8 bolt
Cell over voltage Alarm/ V	3.6V
Cell over voltage protection resume/ V	3.4V
Pack over voltage Protection/ V	58.4V
Temperature protection	Discharging: -15 deg~70 deg C; charging: 0 ~ 60 deg C

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CATL EVE CELLS

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Product Model	AG-LP-48170
Cell pack basic parameter	
Pack Nominal Voltage/ V	51.2V
Max Charge Voltage/ V	3.65V
Cell Nominal Capacity/AH	170AH
Battery Pack Energy/ KWH	8.70KWH
Cell MAX Discharge Rate/ C	2
Cell MAX Charge Rate/ C	1
Cell In Series	16
Cell In Parellel	1
Battery Pack Method	Laser Welding
DOD	90%
Cycle Life	6000 Times
Warranty	5 Years
Battery Parameter	
BMS Type	Software RS485/CAN
Operating Voltage Range/ V	44~58.4V
Continuous Current/A	120A
Charger Voltage(MAX)/ V	58.4V
Type Current/A	100A/200A
Continuous Current(MAX)/ A	110A
Over Voltage/ V	58.4V
Interface Protection	
Battery Dimension	780*540*110 MM
Net Weight	85+_5KG
Charge/ Discharge Port	M8 bolt
Cell over voltage Alarm/ V	3.6V
Cell over voltage protection resume/ V	3.4V
Pack over voltage Protection/ V	58.4V
Temperature protection	Discharging: -15 deg~70 deg C; charging: 0 ~ 60 deg C

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Product Model	AG-LP-48200
Cell pack basic parameter	
Pack Nominal Voltage/ V	51.2V
Max Charge Voltage/ V	3.65V
Cell Nominal Capacity/AH	200AH
Battery Pack Energy/ KWH	10.24KWH
Cell MAX Discharge Rate/ C	2
Cell MAX Charge Rate/ C	1
Cell In Series	16
Cell In Parellel	1
Battery Pack Method	Laser Welding
DOD	90%
Cycle Life	6000 Times
Warranty	5 Years
Battery Parameter	
BMS Type	Software RS485/CAN
Operating Voltage Range/ V	44~58.4V
Continuous Current/A	120A
Charger Voltage(MAX)/ V	58.4V
Type Current/A	100A/200A
Continuous Current(MAX)/ A	110A
Over Voltage/ V	58.4V
Interface Protection	
Battery Dimension	780*540*110 MM
Net Weight	95+_5KG
Charge/ Discharge Port	M8 bolt
Cell over voltage Alarm/ V	3.6V
Cell over voltage protection resume/ V	3.4V
Pack over voltage Protection/ V	58.4V
Temperature protection	Discharging: -15 deg~70 deg C; charging: 0 ~ 60 deg C

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CATL EVE CELLS

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Product Model	AG-LP-48230
Cell pack basic parameter	
Pack Nominal Voltage/ V	51.2V
Max Charge Voltage/ V	3.65V
Cell Nominal Capacity/AH	230AH
Battery Pack Energy/ KWH	11.78KWH
Cell MAX Discharge Rate/ C	2
Cell MAX Charge Rate/ C	1
Cell In Series	16
Cell In Parellel	1
Battery Pack Method	Laser Welding
DOD	90%
Cycle Life	6000 Times
Warranty	5 Years
Battery Parameter	
BMS Type	Software RS485/CAN
Operating Voltage Range/ V	44~58.4V
Continuous Current/A	120A
Charger Voltage(MAX)/ V	58.4V
Type Current/A	100A/200A
Continuous Current(MAX)/ A	110A
Over Voltage/ V	58.4V
Interface Protection	
Battery Dimension	520*440*240 MM
Net Weight	95+_5KG
Charge/ Discharge Port	M8 bolt
Cell over voltage Alarm/ V	3.6V
Cell over voltage protection resume/ V	3.4V
Pack over voltage Protection/ V	58.4V
Temperature protection	Discharging: -15 deg~70 deg C; charging: 0 ~ 60 deg C

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CATL EVE CELLS

ASPIRO
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Product Model	AG-LP-48250
Cell pack basic parameter	
Pack Nominal Voltage/ V	51.2V
Max Charge Voltage/ V	3.65V
Cell Nominal Capacity/AH	250AH
Battery Pack Energy/ KWH	12.80KWH
Cell MAX Discharge Rate/ C	2
Cell MAX Charge Rate/ C	1
Cell In Series	16
Cell In Parellel	1
Battery Pack Method	Laser Welding
DOD	90%
Cycle Life	6000 Times
Warranty	5 Years
Battery Parameter	
BMS Type	Software RS485/CAN
Operating Voltage Range/ V	44~58.4V
Continuous Current/A	120A
Charger Voltage(MAX)/ V	58.4V
Type Current/A	100A/200A
Continuous Current(MAX)/ A	110A
Over Voltage/ V	58.4V
Interface Protection	
Battery Dimension	614*507*212 MM
Net Weight	110+_5KG
Charge/ Discharge Port	M8 bolt
Cell over voltage Alarm/ V	3.6V
Cell over voltage protection resume/ V	3.4V
Pack over voltage Protection/ V	58.4V
Temperature protection	Discharging: -15 deg~70 deg C; charging: 0 ~ 60 deg C

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CATL EVE CELLS

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Product Model	AG-LP-48300
Cell pack basic parameter	
Pack Nominal Voltage/ V	51.2V
Max Charge Voltage/ V	3.65V
Cell Nominal Capacity/AH	300AH
Battery Pack Energy/ KWH	15.36KWH
Cell MAX Discharge Rate/ C	2
Cell MAX Charge Rate/ C	1
Cell In Series	16
Cell In Parellel	1
Battery Pack Method	Laser Welding
DOD	90%
Cycle Life	6000 Times
Warranty	5 Years
Battery Parameter	
BMS Type	Software RS485/CAN
Operating Voltage Range/ V	44~58.4V
Continuous Current/A	120A
Charger Voltage(MAX)/ V	58.4V
Type Current/A	100A/200A
Continuous Current(MAX)/ A	110A
Over Voltage/ V	58.4V
Interface Protection	
Battery Dimension	614*507*212 MM
Net Weight	130+_5KG
Charge/ Discharge Port	M8 bolt
Cell over voltage Alarm/ V	3.6V
Cell over voltage protection resume/ V	3.4V
Pack over voltage Protection/ V	58.4V
Temperature protection	Discharging: -15 deg~70 deg C; charging: 0 ~ 60 deg C

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Product Model	AG-LP-48350
Cell pack basic parameter	
Pack Nominal Voltage/ V	51.2V
Max Charge Voltage/ V	3.65V
Cell Nominal Capacity/AH	350AH
Battery Pack Energy/ KWH	17.92KWH
Cell MAX Discharge Rate/ C	2
Cell MAX Charge Rate/ C	1
Cell In Series	16
Cell In Parellel	1
Battery Pack Method	Laser Welding
DOD	90%
Cycle Life	6000 Times
Warranty	5 Years
Battery Parameter	
BMS Type	Software RS485/CAN
Operating Voltage Range/ V	44~58.4V
Continuous Current/A	120A
Charger Voltage(MAX)/ V	58.4V
Type Current/A	100A/200A
Continuous Current(MAX)/ A	110A
Over Voltage/ V	58.4V
Interface Protection	
Battery Dimension	614*507*212 MM
Net Weight	150+_5KG
Charge/ Discharge Port	M8 bolt
Cell over voltage Alarm/ V	3.6V
Cell over voltage protection resume/ V	3.4V
Pack over voltage Protection/ V	58.4V
Temperature protection	Discharging: -15 deg~70 deg C; charging: 0 ~ 60 deg C

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ASPIRO
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PRODUCTS RANGE



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