

LiFePO4 Battery Pack 12.8V Series : KMW12V260Ah



KAIMEIWEI

ELECTRICAL PROPERTIES

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| Nominal Voltage | 12.8 V |
| Nominal Capacity | 260Ah |
| Energy | 3328 Wh |
| Resistance | ≤15 mΩ @ 50% SOC |
| Self Discharge | <3% per Month |
| Cells | 3.2V130Ah |

CHARGE

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| Recommended Charge Current | 20A |
| Maximum Charge Current | 50A |
| Recommended Charge Voltage | 14.6V |
| Over Charge Voltage Protection(OVP) | 14.6V (3.65V/Cell) |
| Recovery from OVP | 14.2V (3.55V/Cell) |
| Balancing Voltage | 14.0 V(3.5V/Cell) |
| Max Quantity of Packs in Series | 4 to 51.2V(Nominal) |

MECHANICAL PROPERTIES

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|-----------------------|---------------------------------------|
| Dimension (L x W x H) | 380 x 200 x 310mm 15" x 7.87" x 12.2" |
| Approx. Net Weight | 80.9 lbs (36.7kg) |
| Terminal Type | M8 |
| Terminal Torque | 80- 100 in-lbs (9~11 N-m) |
| Case Material | Power Coated Steel Case |
| Ingress Protection | IP50(Indoor Recommended) |

DISCHARGE

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|----------------------------------|--------------------|
| Max Continuous Discharge Current | 100A |
| Over Current Protection1 | 300 A (250ms) |
| Over Current Protection2 | 700A(25ms) |
| Recommended Low Voltage Cut-off | 11.2V |
| Over Discharge Protection (ODP) | 10.0V (2.5V/Cell) |
| Recovery from ODP | 11.6 V (2.9V/Cell) |

TEMPERATURE

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|----------------------------------|-------------------------|
| Discharge Temperature | -4 ~ 149°F (-20 ~ 65°C) |
| Charge Temperature | 32 ~ 113°F (0 ~ 45°C) |
| Storage Temperature | -4 ~ 131°F (-20 ~ 55°C) |
| Over Temperature Protection(OTP) | 167°F(75°C) |
| Recovery from OTP | 127.4°F(53°C) |

COMPLIANCE

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| Certifications | UN3480,Class9,MSDS,RoHs) |
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COMMUNICATION

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| APP Monitoring by Bluetooth Connection | |
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FUNCTION OPTIONAL(Extra Custom)

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| Internal Self-Heating to 41°F(5°C) before Charge | |
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Luxury villa
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Communication base station
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Plant power
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Residential electricity

Product features:

-  High Performance True A+ Cell*4 Fastening Connection in Series
-  Intelligent Battery Management System(BMS) inside to provide automated and maintenance free operation
-  2 Temperature sensors against extreme low/high temperatures
-  15+ Year Typical Lifespan & 5 Years Warranty
-  Detachable & Replaceable Design for all parts
-  4 units of full Cell Holders made by flame retardant plastic to supply the more stable space structure for better heat dissipation and better working condition for cells