

LiFePO4 BATTERY

LOW VOLTAGE STACKED BATTERY

YJC-HES-L-51100

MAXIMUM NUMBER OF COMBINATIONS /  
TOTAL POWER: ×16(81.92kWh)

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LONG LIFE

≥6000 cycles
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LONG WARRANTY

Ten-year warranty
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STRONG PERFORMANCE

Cold resistance (-20-60 °C)

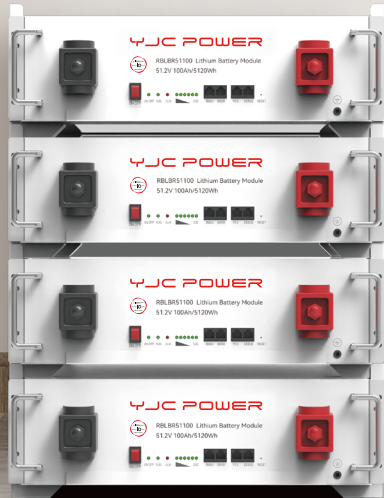
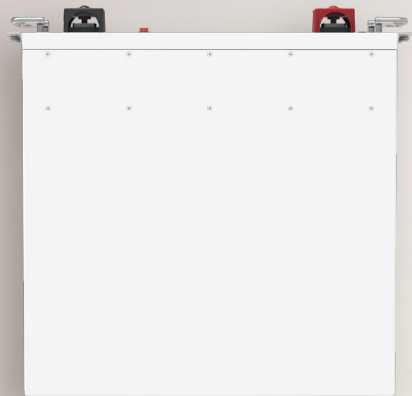
high temperature resistance (0-50 °C)
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HIGH SAFETY

The use of the most advanced lithium iron phosphate battery core technology
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MODULAR DESIGN

support for multiple modules used in parallel, easy to install and maintain.



|                                        |                                                                                                           |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Model                                  | YJC-HES-L-51100                                                                                           |
| Pictures                               |                        |
| Battery Type                           | LiFePO4                                                                                                   |
| Nominal Battery Energy                 | 5.12kWh                                                                                                   |
| Nominal Capacity                       | 100Ah                                                                                                     |
| Nomianl Voltage                        | 51.2V                                                                                                     |
| Charging Cut-off voltage               | 58.4V                                                                                                     |
| Discharging End-off voltage            | 40V                                                                                                       |
| Recommended Charge / Discharge Current | 50A/50A                                                                                                   |
| Max.Power Charge / Discharge Current   | 100A/100A                                                                                                 |
| Peak Power Charge / Discharge Current  | 150A(5000mS)                                                                                              |
| Weight                                 | 45kg                                                                                                      |
| Max.Dimension[W*H*H]                   | 480*460*134mm                                                                                             |
| Charging Temp.Range                    | 0-50℃                                                                                                     |
| Discharging Temp.Range                 | -20-60℃                                                                                                   |
| Communication                          | CAN / RS485                                                                                               |
| Compatible Inverters                   | Deye/Growatt/Victron/SE/LuxPower/SRD/SMA/GoodWe/Sofar/Solis/SENERGYINV/MUST/AFORE/Voltronic/SOLAR/Sunways |
| Calendar Life                          | ≥6000 Cycles                                                                                              |
| IP level                               | IP20                                                                                                      |
| Certification & Safety Standard        | 9540A/UL1973/CE/IEC62619/UN38.3                                                                           |