

LiFePO4 BATTERY

# HIGH VOLTAGE CABINET TYPE ENERGY STORAGE BATTERY

YJC-HES-H-R-614.4V50Ah

614.4V 50Ah 30.72kWh\*N(10)

Total: 307.2kWh



The pack module uses a 50Ah soft pack battery cell, which has a higher energy density and is lighter.



Up to 10 units can be connected in parallel, with a total power of up to 307.2kWh.



The product has a high-voltage control system, PDU and DCDC module. It eliminates shunt current backflow and provides active equalisation.



Maximum 1C continuous discharge



Outdoor waterproof and dustproof design, IP54 protection level.



Model

YJC-HES-H-R-614.4V50Ah

Pictures



|                                        |                                                                                  |
|----------------------------------------|----------------------------------------------------------------------------------|
| Battery Type                           | LiFePO4                                                                          |
| Nominal Battery Energy                 | 30.72kWh                                                                         |
| Nominal Capacity                       | 50Ah                                                                             |
| Nomianl Voltage                        | 614.4V                                                                           |
| Charging Cut-off voltage               | 700.8V                                                                           |
| Discharging End-off voltage            | 480V                                                                             |
| Recommended Charge / Discharge Current | 25A/25A                                                                          |
| Max.Power Charge / Discharge Current   | 50A/50A                                                                          |
| Peak Power Charge / Discharge Current  | 100A(5S)                                                                         |
| Weight                                 | 270kg                                                                            |
| Max.Dimension                          | 700*380*1500mm                                                                   |
| Charging Temp.Range                    | 0~50℃                                                                            |
| Discharging Temp.Range                 | -20~60℃                                                                          |
| Communication                          | CAN / RS485                                                                      |
| Compatible Inverters                   | Victron/Solis/Goodwe/Sofar/Growatt/Kstar/SMK/Megarevo/Deye/SMA/Afore/Sunways/SAJ |
| Calendar Life                          | ≥6000 Cycles                                                                     |
| IP level                               | IP54                                                                             |
| Certification & Safety Standard        | /                                                                                |