

TECHNICAL DATA

| Model | | JIVA 5000 |
|---------------------------------------------|-----------------------------------------------------------------------|-------------------|
| Main Parameter | | |
| Battery Chemistry | LiFePO4 | |
| Capacity (Ah) | 104 | |
| Scalability | Max. 64 pcs pack (340kWh) in parallel (Max. 32 pcs no external setup) | |
| Nominal Voltage (V) | 51.2 | |
| Operating Voltage (V) | 43.2~57.6 | |
| Energy(kWh) | 5.32 | |
| Usable Energy (kWh) ^[1] | 4.79 | |
| Charge/Discharge Current (A) ^[2] | Recommend | 50 |
| | Max | 100 |
| | Peak | 150 (2mins, 25°C) |
| Other Parameter | | |
| Recommend Depth of Discharge | 90% | |
| Dimension (W/H/D, mm) | 440*133*560 | |
| Weight Approximate (kg) | 44 | |
| Master LED Indicator | 5LED (SOC:20% ~ SOC100%), 3LED (working, alarming, protecting) | |
| IP Rating of Enclosure | IP20 | |
| Operating Temperature | Charge: 0°C~55°C (Optional heating) / Discharge: -20°C~55°C | |
| Storage Temperature | 0°C~35°C | |
| Humidity | 5%~95% | |
| Altitude | ≤2000m | |
| Cycle Life | ≥6000 (25°C±2°C, 0.3C/0.3C, 90%DOD, 70%EOL) | |
| Installation | 19-inch standard rack (depth≥600mm), Floor-Mounted, Wall - Mounted | |
| Communication Port | CAN2.0, RS485 | |
| Warranty Period ^[3] | 5 years | |
| Energy Throughput ^[3] | 16MWh@70%EOL | |

[1] DC Usable Energy, test conditions: 90% DOD, 0.3C charge & discharge at 25°C. System usable energy may vary due to system configuration parameters.

[2] The current is affected by temperature and SOC.

[3] The warranty is due whichever reached first of warranty period or energy throughput.

