

Specifications



Product features:

Larger capacity supply equipment cabinet

No active cooling system is required

High operational reliability

They live for more than 6 years at + 25°C

Optimal management

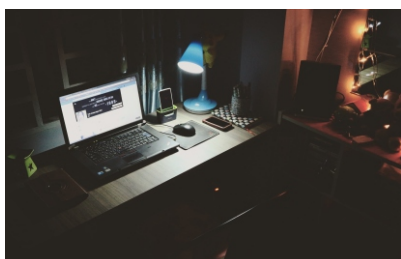
In line with the RoHS

Applicable field:

Communication basic station, data center, communication outdoor cabinet,

Solar hybrid power system, home energy storage system

Application scenarios



Product parameters

| | MODEL | DP2450 | DP24100 | DP24120 | DP24150 | DP24200 |
|----------------------------|--------------------------------|--|-------------|-------------|-------------|-------------|
| Electrical Characteristics | Rate voltage(Vdc) | 25.6 | 25.6 | 25.6 | 25.6 | 25.6 |
| | Rate capacity(AH) | 50 | 100 | 120 | 150 | 200 |
| | Energy storage(KWH) | 1.28 | 2.56 | 3.072 | 3.84 | 5.12 |
| | Cycle life | DOD(≥1800 cycles to 85% DOD) | | | | |
| | Monthself discharge | ≤2% | | | | |
| | Efficiencyof charge | 100% at 0.2C | | | | |
| | Efficiencyof discharge | 96-99% at 1C | | | | |
| Standard Charge | Charge voltage | 29.2±0.2V | | | | |
| | Charge mode | 0.2C to 29.2V, then 29.2V, charge current to 0.02C (CC/CV) | | | | |
| | Charge current(A) | 10 | 20 | 24 | 30 | 40 |
| | Max. Charge current(A) | 50 | 100 | 120 | 150 | 200 |
| | Charge cut-off voltage(VDC) | | | | | |
| Standard Discharge | Contiunouscurrent(A) | 50 | 100 | 120 | 150 | 200 |
| | Discharge cut-off voltage(VDC) | 22.4 | | | | |
| Environmental | Charge temperature | 0 °C to 45 °C (32F to 113F) @60±5% Relative Humidity | | | | |
| | Discharge temperature | -20 °C to 60 °C (-4F to 140F) @60±5% Relative Humidity | | | | |
| | Storage temperature | 0 °C to 40 °C (32F to 104F) @60±5% Relative Humidity | | | | |
| | IP class | IP60 | | | | |
| Mechanical | Materialsystem | LiFePO4 | | | | |
| | Case material | Metal | | | | |
| | Pack DimensionsL*W*H(mm) | 412*326*137 | 482*471*137 | 482*471*137 | 482*471*266 | 482*471*266 |
| | Package DimensionL*W*H(mm) | 460*445*230 | 571*560*230 | 571*560*230 | 560*530*370 | 560*530*370 |
| | Net Weight(kg) | 21 | 37 | 37 | 52 | 72 |
| | Across Weight(kg) | 23 | 39 | 39 | 54 | 74 |
| | Termial | M8 | | | | |
| | Protocol(Optional) | CANBus/RS485/RS232 | | | | |
| SOC(Optional) | LED/LCD | | | | | |