

Energy storage cube



APPLICATION :

- ◆ Hospital , Bank, Airport , Power plant and Other Systems
- ◆ Solar energy storage cabinet
- ◆ Long-last UPS battery
- ◆ Telephone Switch, Telecom Room SMR, Hospitals,

Banks and large and medium-sized enterprises application distributed server room independent UPS

Product parameters

| | MODEL | ESC10H | ESC15H | ESC20H |
|----------------------------|--------------------------------|--|--------|--------|
| Electrical Characteristics | Rate voltage(VDC) | 25.6 | 25.6 | 25.6 |
| | Module rate capacity(AH) | 200 | 150 | 200 |
| | Built in module quantity | 2 | 3 | 4 |
| | Energy storage(KWH) | 10.24 | 15.36 | 20.48 |
| | Cycle life | DOD(≥1800 cycles to 85% DOD). | | |
| | Months self discharge | ≤2% | | |
| | Efficiency of charge | 100% at 0.2C | | |
| | Efficiency of discharge | 96~99% at 1C | | |
| Standard Charge | Built in BMS(Yes/No) | YES | | |
| | Charge voltage(Vdc) | 29.2±0.1V | | |
| | Charge mode | 0.2C to 29.2V, then 29.2V, charge current to 0.02C (CC/CV) | | |
| | Charge current(A) | 40 | 60 | 80 |
| | Max. Charge current(A) | 60 | 90 | 120 |
| Standard Discharge | Charge cut-off voltage(Vdc) | 29.2±0.1V | | |
| | Contiunous current(A) | 60 | 90 | 120 |
| | Discharge cut-off voltage(VDC) | 40 | | |
| Environmental | Charge temperature | 0 ℃ to 45 ℃ (32F to 113F) @60±25% Relative Humidity | | |
| | Discharge temperature | -20 ℃ to 60 ℃ (-4F to 140F) @60±25% Relative Humidity | | |
| | Storage temperature | 0 ℃ to 40 ℃ (32F to 104F) @60±25% Relative Humidity | | |
| | IP class | IP60 | | |
| Mechanical | Material system | LiFePO4 | | |
| | Case material | Metal | | |
| | Dimensions: H*W*D(mm) | 1050*600*600 | | |
| | Weight(kg) | | | |
| | Terminal | M8 | | |
| | Protocol(Optional) | SMBus/RS485/RS232 | | |
| | SOC(Optional) | LED/LCD | | |

Application scenarios

