

PRODUCT SPECIFICATIONS

High voltage energy storage system

**Powercube-X series
144-336V**



| Basic Parameters | Powercube-X1 (336V50AH) |
|-------------------------------|-------------------------|
| | H48050 |
| Battery System Capacity(kWh) | 16.80 |
| Battery System Voltage(Vdc) | 336 |
| System Voltage Range(Vdc) | 310~378 |
| Efficiency | 96% |
| Depth of Discharge | 90% |
| Dimension(W*D*H, mm) | 600*505*1300 |
| Weight(Kg) | 250 |
| Design Life | 10+Years |
| Operation Temperature (°C) | 0~50 |
| Humidity | 5%~95% |
| Altitude | <2000 |
| Battery Module Qty.(Optional) | 3~7 pcs |
| Authentication Level | IEC62619/CE/VDE |

**Powercube-H series
240-720V**



| Basic Parameters | Powercube-H1 (720V50AH) | Powercube-H2 (576V74AH) |
|-------------------------------|----------------------------|----------------------------|
| | H48050 | H48074 |
| Battery System Capacity(kWh) | 36.00 | 42.62 |
| Battery System Voltage(Vdc) | 720 | 576 |
| System Voltage Range(Vdc) | 664~810 | 531~648 |
| Efficiency | 96% | 96% |
| Depth of Discharge | 90% | 90% |
| Dimension(W*D*H, mm) | 600*505*2130 | 600*505*2130 |
| Weight(Kg) | 400 | 450 |
| Design Life | 10+Years | 10+Years |
| Operation Temperature (°C) | 0~50 | 0~50 |
| Humidity | 5%~95% | 5%~95% |
| Altitude | <2000 | <2000 |
| Battery Module Qty.(Optional) | 5~15 pcs | 5~12 pcs |
| Authentication Level | IEC62619/CE/VDE | IEC62619/CE |

PRODUCT SPECIFICATIONS

High voltage energy storage system

**Powercube-M series
32-736V**



| Basic Parameters | Powercube-M1 (736V148AH) | Powercube-M2 (729V240AH) |
|-------------------------------|-----------------------------|-----------------------------|
| | H32148 | H38240 |
| Battery System Capacity(kWh) | 108.93 | 175.10 |
| Battery System Voltage(Vdc) | 736 | 729 |
| System Voltage Range(Vdc) | 621~828 | 615~821 |
| Efficiency | 96% | 96% |
| Depth of Discharge | 90% | 90% |
| Dimension(W*D*H, mm) | 815*659*2130 | 1040*773*2350 |
| Weight(Kg) | 1,250 | 1,730 |
| Design Life | 10+Years | 10+Years |
| Operation Temperature (°C) | 10~40 | 10~40 |
| Humidity | 5%~95% | 5%~95% |
| Altitude | <2000 | <2000 |
| Battery Module Qty.(Optional) | 1~23 pcs | 1~19 pcs |
| Authentication Level | IEC62619/CE/UL | IEC62619/CE |