



POMCube Energy Storage System

iCAN[®] Mega



Higher capacity and higher power
For both residential and commercial use



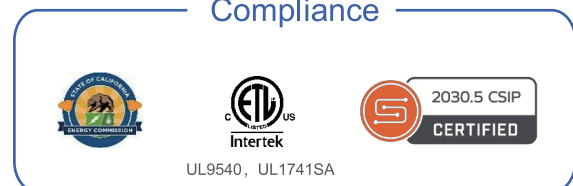
| Battery System | |
|---|---|
| Module Quantity | 8 / 10 |
| Rated Energy | 39.9/49.9 kWh |
| Usable Energy | 36.9/ 46.2 kWh@ 50A |
| Nominal Voltage | 409.6 / 512 Vdc |
| Continuous Power | 448 / 560 Vdc |
| Operating Voltage Range | 384 ~ 467.2 / 480 ~ 584 |
| Continuous Power | 20.5 / 25.6 kW |
| Peak Power | 39.9/49.9 kW@1s |
| Compatible Inverter | POMCube Universal PCS, 12.5 kVA or 25 kVA |
| Dimensions (W * H * D) | 21.7 in * 63.4 in * 24.2 in |
| System Weight | 903.9/1091.3 lbs. |
| Recommended Operating Temperature Range | 50 °F~ 95 °F(10 °C~ 35 °C) |
| Protection Rating | NEMA2 (IP21) |
| Relative Humidity | 0 ~ 95% (No Condensation) |
| Communication Interface | Ethernet, 4G, Wi-Fi, CAN |

| EMS (Optional) | |
|----------------------|---|
| Power | 12 V / 0.5 A |
| OS | Linux |
| Storage | SD Card |
| GPS Support | Yes |
| AGS Support | Yes |
| Cloud Support | AWS |
| Monitor | App/Web OSS |
| OTA Software Upgrade | Yes |
| Display | BCD |
| Features | Energy Management Battery Monitor / Control External Device Monitor / Control |

| | |
|--------------------------|---|
| Switch On/ Off Detection | 2 Channels |
| Communication | Ethernet/Wi-Fi / 4G / CAN / RS485 / RS232 |

| Battery Module | |
|---|-----------------------------|
| Cell Chemistry | Lithium Iron Phosphate |
| Cell Connection Type | 1P16S |
| Battery Module Capacity | 97.5 Ah |
| Battery Module Voltage | 51.2 Vdc |
| Battery Module Energy | 4.99 kWh |
| Battery Module Charge Voltage | 56 Vdc |
| Battery Module Charge Current (Normal) | 50 A |
| Battery Module Charge Current(Peak) | 97.5 A |
| Battery Module Discharge Cutoff Voltage | 48 Vdc |
| Battery Module Discharge Current (Normal) | 50 A |
| Battery Module Discharge Current(Peak) | 97.5 A |
| Communication | CAN, RS232 |
| Display | LED |
| Dimensions (L * W * H) | 21.7 in * 8.0 in * 8.7 in |
| Storage Temperature | 14 °F~ 113 °F(-10 °C~45 °C) |
| Relative Humidity | 0 ~ 95% (No Condensation) |
| Protection Rating | NEMA 2 (IP21) |

Compliance



www.pomcube.com

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