

iPack CHV

POWER THE FUTURE



SAFETY

- Cobalt Free Lithium Iron Phosphate (LFP) Battery for maximum safety, multi-stages protection design.
- Test approval under high safety standard by TUV.



COMPATIBILITY

- Compatible with leading 1 and 3 phase high voltage battery inverters.



DURABILITY

- More than 8000 cycles at 90% Depth of Discharge (DoD).





SIMPLICITY

- Modular plug design, no internal wiring required between modules.
- User-friendly setup, ease of use.



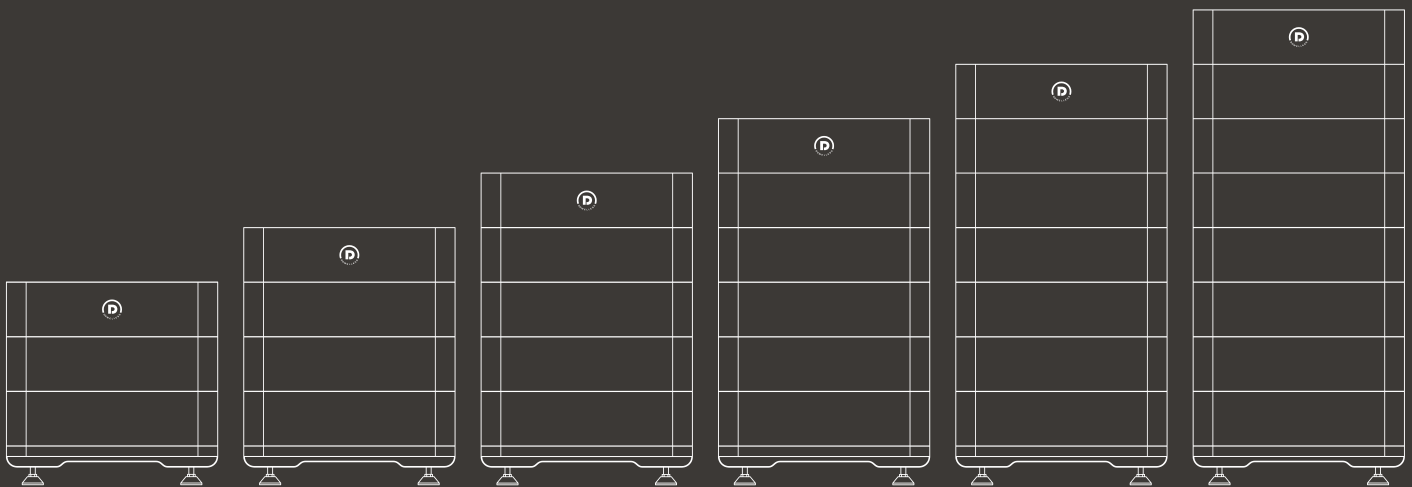
INTELLIGENCE

- Smart cloud platform, 24/7 online monitoring.
- Remote upgrade for easy maintenance.



VERSATILE

- Extendable during lifetime, supports 2-7 modules per unit.
- More units in parallel with extra master box to realize high capacity.



iPack CHV

| Model Name | iPack CH8 | iPack CH12 | iPack CH16 | Units |
|---|---|-------------|-------------|-------|
| Battery Type | LiFePO4 Prismatic Cell | | | |
| Rated Energy Capacity | 8 | 12 | 16 | kWh |
| Norminal Voltage | 115.2 | 172.8 | 230.4 | V |
| Operating Voltage | 90~131.4 | 135~197.1 | 180~262.8 | V |
| Rated DC Power | 4.03 | 6.04 | 8.06 | kW |
| Max.Charge/Discharge Power | 5.76 | 8.64 | 11.52 | kW |
| Max. Charge/Discharge Current | | 35 | | A |
| Recommend Continuous Charge Discharge Current | | 30 | | A |
| Depth of Discharge | | 90% | | DoD |
| Weight | 120 | 160 | 195 | kg |
| Dimension[W*D*H] | 600*380*575 | 600*380*730 | 600*380*885 | mm |
| Display | SOC Indicator Status Indicator | | | |
| Communication Interface | CAN | | | |
| Protection Rating | IP65 | | | |
| Cooling Method | Natural Convection | | | |
| Operating Temperature Range | -10~50* | | | °C |
| Cycle Life | 8000 Cycles** | | | |
| Relative Humidity | 20%~95%(No condensation) | | | |
| Altitude | <2000 | | | m |
| Module Connection | Series/Hard Connection with Positioner | | | |
| Installation Location | Indoor/Outdoor | | | |
| Mounting Method | Floor Stand | | | |
| Module Number | 2 | 3 | 4 | |
| Protection | Over/Under Voltage Protection Over Current Protection Over/Under Temperature Protection | | | |
| Certification | CE /IEC62619 /IEC60730-1 /EN62477 /EN61000-6-1/-3 /UN38.3 /ROHS | | | |

iPack CHV

| Model Name | iPack CH20 | iPack CH24 | iPack CH28 | Units |
|---|---|--------------|--------------|-------|
| Battery Type | LiFePO4 Prismatic Cell | | | |
| Rated Energy Capacity | 20 | 24 | 28 | kWh |
| Norminal Voltage | 288 | 345.6 | 403.2 | V |
| Operating Voltage | 225~328.5 | 270~394.2 | 315~459.9 | V |
| Rated DC Power | 10.08 | 12.09 | 14.11 | kW |
| Max.Charge/Discharge Power | 14.4 | 17.28 | 20.16 | kW |
| Max. Charge/Discharge Current | | 35 | | A |
| Recommend Continuous Charge Discharge Current | | 30 | | A |
| Depth of Discharge | | 90% | | DoD |
| Weight | 235 | 270 | 310 | kg |
| Dimension[W*D*H] | 600*380*1040 | 600*380*1195 | 600*380*1350 | mm |
| Display | SOC Indicator Status Indicator | | | |
| Communication Interface | CAN | | | |
| Protection Rating | IP65 | | | |
| Cooling Method | Natural Convection | | | |
| Operating Temperature Range | -10~50* | | | °C |
| Cycle Life | 8000 Cycles** | | | |
| Relative Humidity | 20%~95%(No Condensation) | | | |
| Altitude | <2000 | | | m |
| Module Connection | Series/Hard Connection with Positioner | | | |
| Installation Location | Indoor/Outdoor | | | |
| Mounting Method | Floor Stand | | | |
| Module Number | 5 | 6 | 7 | |
| Protection | Over/Under Voltage Protection Over Current Protection Over/Under Temperature Protection | | | |
| Certification | CE /IEC62619 /IEC60730-1 /EN62477 /EN61000-6-1/-3 /UN38.3 /ROHS | | | |

*When the temperature is below 0°C or above 40°C, the performance will be limited

** Under specific test conditions