



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

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.



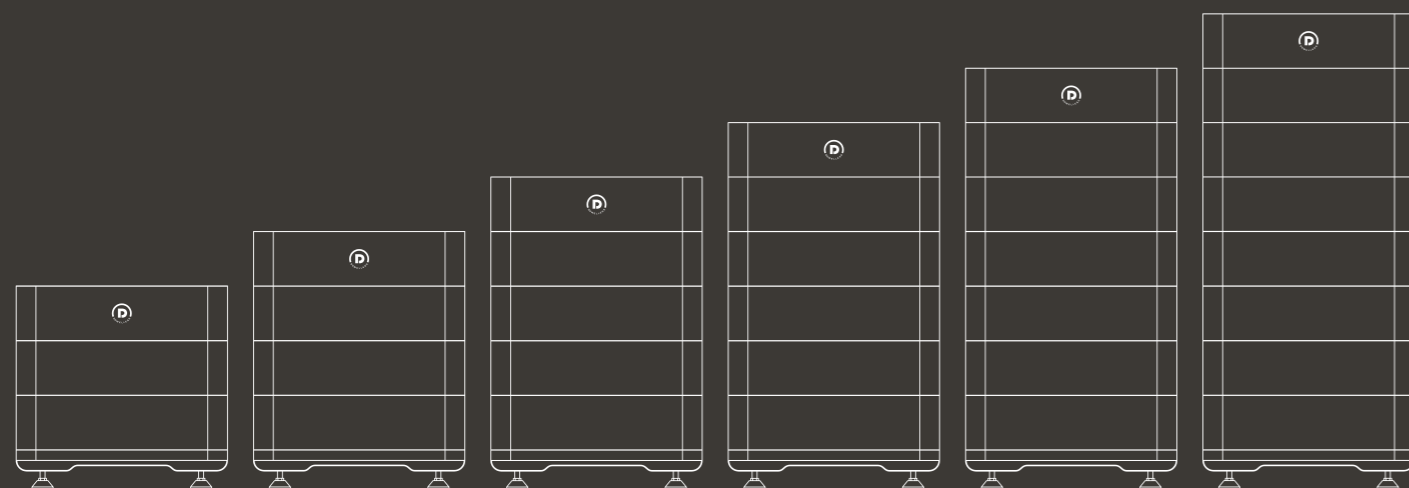
COMPATIBILITY

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



DURABILITY

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



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			