



iPack CHV



· Reliable LiFePO4 prismatic battery



· Wide battery capacity for your different choice.



· More than 8000 cycles lifespan.



· Wide Temperature Tolerance.



· 24/7 Online Monitoring for Reliable operation.



· Stack design, installation within 20 minutes individually.



· Remote upgrade for easy maintenance.



· IP65 protection, suitable for Indoor and outdoor.



Model Name

Battery Model	iPack CH7.2	iPack CH10.8	iPack CH14.4
Battery Type	LiFePO4 Prismatic Cell		
Depth of Discharge (DoD)	100%		
Norminal Capacity(kWh)	7.2	10.8	14.4
Norminal Voltage(V)	115.2	172.8	230.4
Operating Voltage(V)	90~131.4	135~197.1	180~262.8
Rated DC power(kW)	4.03	6.04	8.06
Max. charge / discharge power(kW)	5.76	8.64	11.52
Max. Charge/Discharge Current(A)	50	50	50
Recommend Continuous Charge/Discharge Current(A)	35	35	35
Weight(Kg)	105	141	177
Dimension[W*H*D](mm)	600*675*380	600*830*380	600*985*380
Display	SOC indicator, status indicator		
Communication inter face	CAN		
Protection Degree	IP65		
Cooling method	Natural convection		
Operating temperature range(°C)	-10~50*		
Cycle Life	8000 cycles**		
Relative humidity	20%~95%(No condensation)		
Altitude(m)	<2000		
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/UN38.3/IEC61000-6-2/IEC61000-6-3		

* When the temperature is below 0°C or above 40°C, the performance will be limited.
 ** Under specific test conditions

Model Name

Battery Model	iPack CH18	iPack CH21.6	iPack CH25.2
Battery Type	LiFePO4 Prismatic Cell		
Depth of Discharge (DoD)	100%		
Norminal Capacity(kWh)	18	21.6	25.2
Norminal Voltage(V)	288	345.6	403.2
Operating Voltage(V)	225~328.5	270~394.2	315~459.9
Rated DC power(kW)	10.08	12.09	14.11
Max. charge / discharge power(kW)	14.4	17.28	20.16
Max. Charge/Discharge Current(A)	50	50	50
Recommend Continuous Charge/Discharge Current(A)	35	35	35
Weight(Kg)	213	249	285
Dimension[W*H*D](mm)	600*1140*380	600*1295*380	600*1450*380
Display	SOC indicator, status indicator		
Communication inter face	CAN		
Protection Degree	IP65		
Cooling method	Natural convection		
Operating temperature range(°C)	-10~50*		
Cycle Life	8000 cycles**		
Relative humidity	20%~95%(No condensation)		
Altitude(m)	<2000		
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/UN38.3/IEC61000-6-2/IEC61000-6-3		

Everwind GmbH (Sale in Germany)
www.everwind.de
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www.dowellelectronic.com

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