












LiFePO4 BATTERY **HVC SERIES**

(High system voltage from 96v ~ 480v)

-  High quality lithium iron phosphate battery.
-  ≥6000 times deep cycle charge and discharge.
-  Super long warranty: 10 years warranty.
-  Stackable energy storage system.
-  Wireless connection between multiple modules.
-  Big capacity with small volume for household.
-  High class of safety with built-in BMS protection.
-  99% Faradic charge efficiency.
-  IP65 protection level.

Specification

MODEL	HVC-5.1	HVC-10.2	HVC-15.4	HVC-20.5	HVC-25.6
BatteryModule	HVC -BMU(5.12kwh,102.4V)				
NumberofModules	1	2	3	4	5
TotalEnergy [Kwh]	5.12	10.24	15.36	20.48	25.6
Usable Energy [kWh] (90%DOD)	4.6	9.2	13.8	18.4	23
NominalVoltage[V]	102.4	204.8	307.2	409.6	512
MAX. Charge Voltage[V]	115.2	230.4	345.6	460.8	576
MIN. Discharge Voltage[V]	96	192	288	384	480
Weight[Kg]	51	102	153	204	255
Dimension [W x D x H, mm]	600/370/(322+210xN)				
Max. Chargeing Current [A]	30				
Max. Discharge Current [A]	30				
Communication	CAN, RS485				
Enclosure Protection Rating	IP65				
Working Temperature Range [°C]	-10°C~ 50°C				
Cycle Life	>6,000 Cycle@ 80% DOD / 25°C / 0.5C , 60%EOL				
Warranty	10 years				
Certification	IEC62619,UN38.3,CE				
Cycle Life	>6,000 Cycle@ 80% DOD / 25°C / 0.5C , 60%EOL				
Battery Designation	IFpP24/141/161/[(1P32S)nS]E/-20+60/90				
Dimension [WxDxH]	600*370*410mm	600*370*620mm	600*370*830mm	600*370*1040mm	600*370*1250mm
Weight	60KG	109KG	158KG	207KG	256KG

