



PowerPyramid Series

DHV5120-S1

Da hai Power Pyramid Series-DHV LIB energy storage system is of modularized design and compatible with smart home in modern life for its attractive appearance and smart functions ,simple installation and O&M. Da hai independently developed LFP cell, with the advantages of sound safety and reliability, 6000 cycle times.



- Flexible combination-10.24kWh-40.96kWh
- Outstanding safety performance
- Modular & stackable design, convenient installation
- WIFI&OTA firmware upgrading



Super long design life



Multiple protection



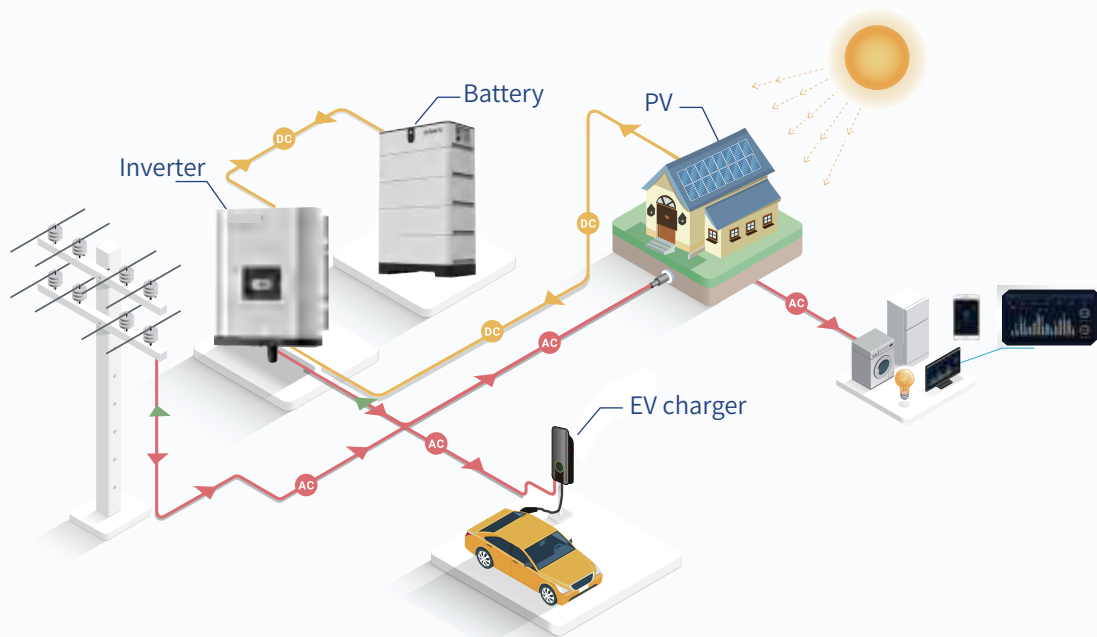
Modular design



WIFI remote O&M

COMPATIBILITY





POWERPYRAMID DHV5120-S1

Parameter	
Nominal energy	5.12kWh
Usable energy	4.86kWh
Cell configuration	1P32S
Rated voltage	102.4V dc
Operation voltage	91.2-115.2V dc
Rated capacity	50Ah
Max charge/discharge current	25A/40A
Communication	CAN RS485 WIFI
Expansion	Series:Max 8pcs
Humidity	≤95%
Operation temperature	Charge:0°C~ 50°C Discharge:-20°C~ 50°C
Dimension (L*W*H)	636*330*188mm (module)
Weight	≤48kg
Installation mode	Stack
Ingress protection	IP65
Altitude	<2000m
Cycle life	>6000 (25°C)
Design life	15 years (25°C)
Certification	CE,IEC62619,IEC61000-6-2/3,UN38.3,IEC60730,IEC62368,IEC60356

Module	DHV5120 -S1-2S	DHV5120 -S1-3S	DHV5120 -S1-4S	DHV5120 -S1-5S	DHV5120 -S1-6S	DHV5120 -S1-7S	DHV5120 -S1-8S
Nominal energy	10.24	15.36	20.48	25.6	30.72	35.84	40.96
Usable energy	9.73	14.59	19.46	24.32	29.18	34.04	38.91
Rated voltage	204.8	307.2	409.6	512	614.4	716.8	819.2
Operation voltage	182.4~230.4	273.6~345.6	364.8~460.8	456~576	547.2~691.2	638.4~806.4	729.6~921.6
Charge voltage	224	336	448	560	672	784	896
Max charge current	25	25	25	25	25	25	25
Max discharge current	40	40	40	40	40	40	40
Weight	~117	~165	~213	~261	~309	~357	~405
Dimension(L*W*H)	636*330*628	636*330*816	636*330*1004	636*330*1192	636*330*1380	636*330*1568	636*330*1756
Design life	15 years (25°C)						