



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



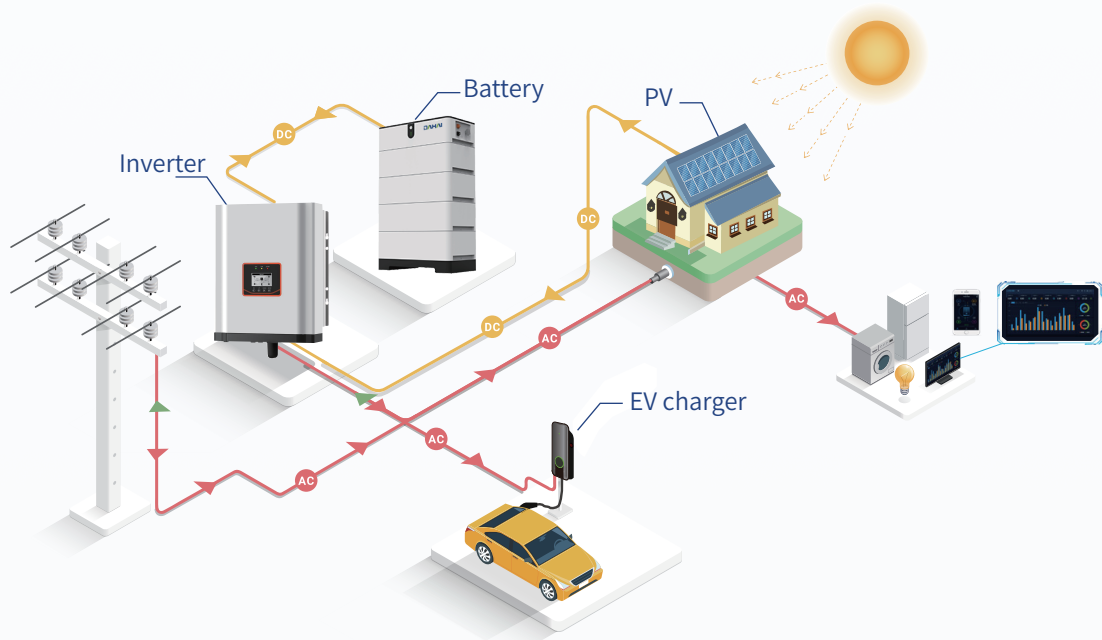
Modular design



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) | | | | | | |