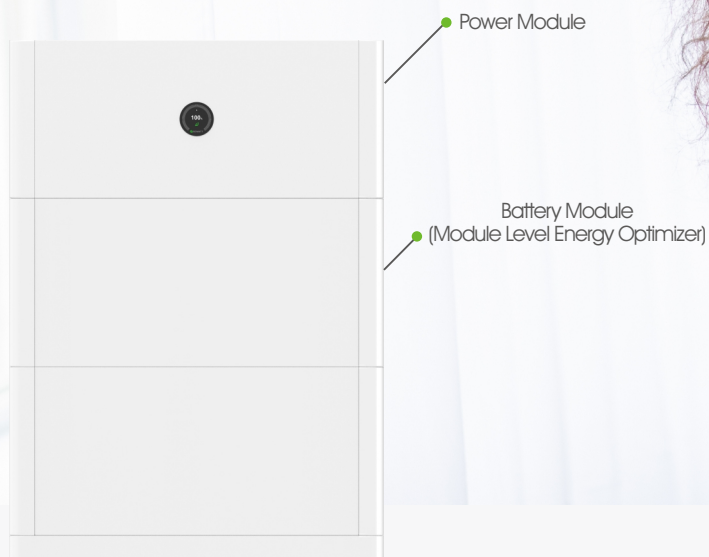
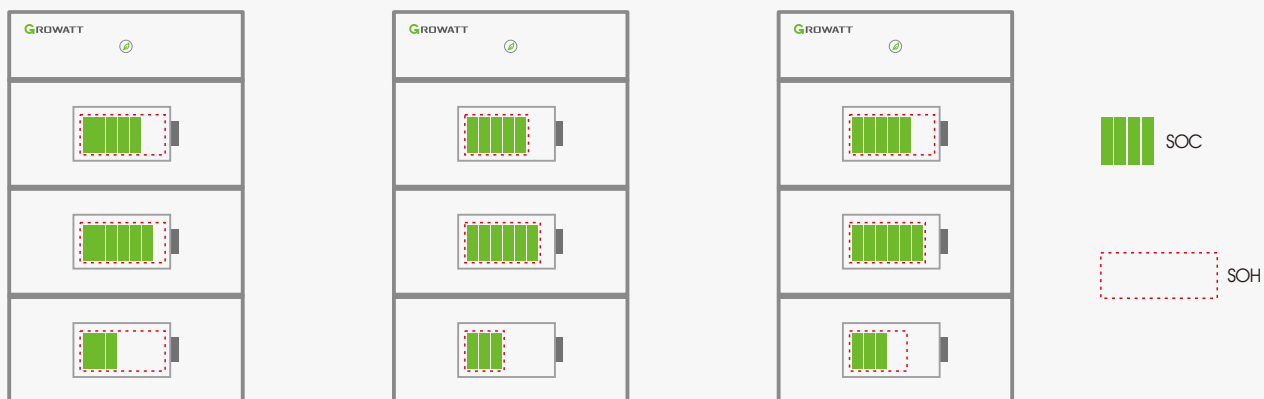


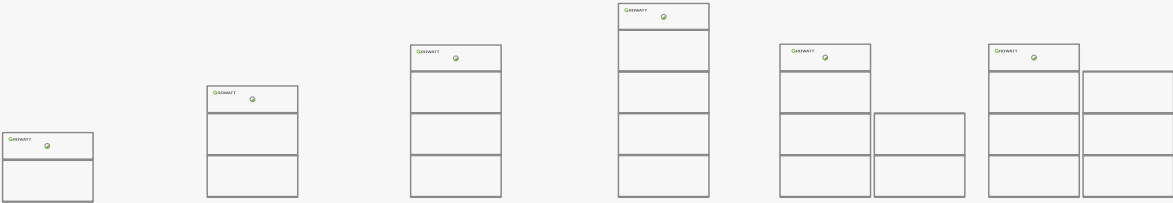
# APX HV Battery

- Flexible capacity options, 5kWh to 30kWh
- 100% depth of discharge
- Module level energy optimization
- Support to mix new and old battery modules in one system
- Easy installation with modular and stacked design
- Long lifespan, 10 years warranty



- Different SOC and SOH of the battery module can be mixed in one system.



| System Model                                  | APX 5.0P                                                                           | APX 10.0P      | APX 15.0P       | APX 20.0P       | APX 25.0P         | APX 30.0P         |
|-----------------------------------------------|------------------------------------------------------------------------------------|----------------|-----------------|-----------------|-------------------|-------------------|
| System Demo                                   |  |                |                 |                 |                   |                   |
| Power module                                  | APX 10.0KW-P1                                                                      |                |                 |                 |                   |                   |
| Number of power modules                       | 1                                                                                  |                |                 |                 |                   |                   |
| Battery Module                                | APX 5.0P-B1                                                                        |                |                 |                 |                   |                   |
| Battery module energy                         | 5kWh                                                                               |                |                 |                 |                   |                   |
| Number of battery modules                     | 1                                                                                  | 2              | 3               | 4               | 5                 | 6                 |
| Energy Capacity                               | 5kWh                                                                               | 10kWh          | 15kWh           | 20kWh           | 25kWh             | 30kWh             |
| Usable Capacity                               | 5kWh                                                                               | 10kWh          | 15kWh           | 20kWh           | 25kWh             | 30kWh             |
| Max. output power*1                           | 2.5kW                                                                              | 5kW            | 7.5kW           | 10kW            | 10kW              | 10kW              |
| Peak output power                             | 5kW,60s                                                                            | 10kW,60s       | 15kW,60s        | 20kW,60s        | 20kW,60s          | 20kW,60s          |
| Dimension (W/D/H)*2                           | 710/200/670 mm                                                                     | 710/200/990 mm | 710/200/1310 mm | 710/200/1630 mm | 710*2/200/1310 mm | 710*2/200/1310 mm |
| Weight                                        | 65kg                                                                               | 115kg          | 165kg           | 215kg           | 265kg             | 315kg             |
| Nominal voltage (single phase system)         | 360V/600V                                                                          |                |                 |                 |                   |                   |
| Operating voltage range (single phase system) | 350V~980V                                                                          |                |                 |                 |                   |                   |
| Nominal voltage (three phase system)          | 350V~850V                                                                          |                |                 |                 |                   |                   |
| Operating voltage range (three phase system)  | 600V~980V                                                                          |                |                 |                 |                   |                   |
| Battery type                                  | Cobalt Free Lithium Iron Phosphate (LFP)                                           |                |                 |                 |                   |                   |
| Ingress Protection                            | IP65                                                                               |                |                 |                 |                   |                   |
| Installation                                  | Wall-mounted or Floor installation*3                                               |                |                 |                 |                   |                   |
| Operating ambient temperature                 | -10°C~50°C                                                                         |                |                 |                 |                   |                   |
| Relative humidity                             | 5%~95%                                                                             |                |                 |                 |                   |                   |
| Cooling                                       | Natural                                                                            |                |                 |                 |                   |                   |
| Altitude                                      | ≤4000m                                                                             |                |                 |                 |                   |                   |
| Warranty                                      | 10 years                                                                           |                |                 |                 |                   |                   |
| <b>Power module</b>                           | <b>APX 10.0KW-P1</b>                                                               |                |                 |                 |                   |                   |
| Dimension(W/D/H)                              | 710/200/300mm                                                                      |                |                 |                 |                   |                   |
| Weight                                        | 15kg                                                                               |                |                 |                 |                   |                   |
| Communication port                            | CAN/RS485                                                                          |                |                 |                 |                   |                   |
| Operating voltage range                       | 350V-980V                                                                          |                |                 |                 |                   |                   |
| Maximum current                               | 30A                                                                                |                |                 |                 |                   |                   |
| Peak current                                  | 60A, 60s                                                                           |                |                 |                 |                   |                   |
| Monitoring parameters                         | SOC, System voltage, current, cell voltage, cell temperature, PCBA temperature     |                |                 |                 |                   |                   |
| <b>Battery module</b>                         | <b>APX 5.0P-B1</b>                                                                 |                |                 |                 |                   |                   |
| Nominal energy                                | 5kWh                                                                               |                |                 |                 |                   |                   |
| Nominal voltage                               | 385V                                                                               |                |                 |                 |                   |                   |
| Operating voltage range                       | 350-435V                                                                           |                |                 |                 |                   |                   |
| Dimensions(W/D/H)                             | 710/200/320mm                                                                      |                |                 |                 |                   |                   |
| Weight                                        | 50Kg                                                                               |                |                 |                 |                   |                   |
| Certification & Licensing                     | IEC62619(Cell&Pack)/IEC60730/VDE2510-50/ CE/CEC/RCM/UN38.3/UL1973/UL9540A/FCC      |                |                 |                 |                   |                   |

\*1 Depend on the max. battery charge/discharge power of the inverter.

\*2 Include power module(APX 10.0kW-P1) and Battery Base

\*3 Floor installation requires extrabase (W/D/H= 710/200/50mm)

\*APX series battery has an EU model and a General model, the storage inverters sold in European countries only work with EU model APX battery

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