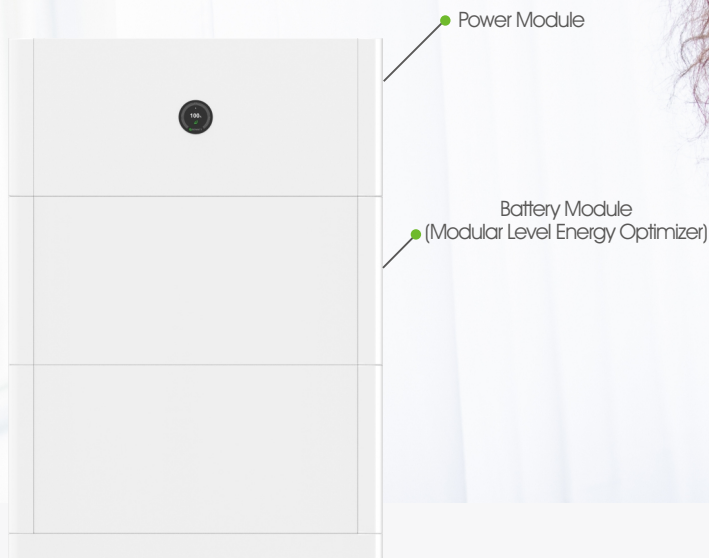
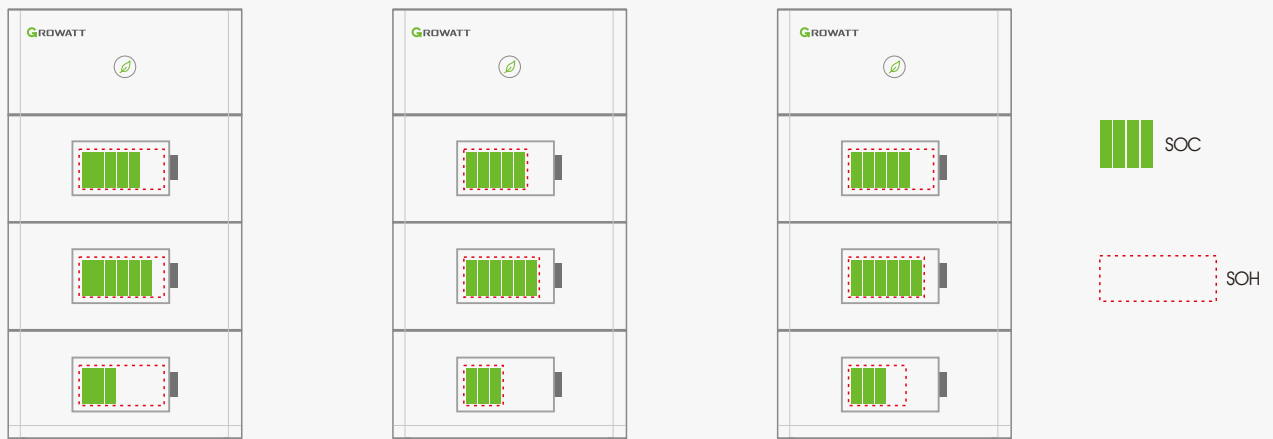




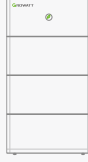



APX HV Battery

- Flexible capacity options, 5kWh to 30kWh
- 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 modules 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 98020-P1/APX 98034-P2 | | | | | |
| 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 |
| Nominal power*1 | 2.5kW | 5kW | 7.5kW | 7.5kW | 7.5kW | 7.5kW |
| Peak output power*1 | 4kW,60s | 8kW,60s | 10kW,60s | 10kW,60s | 10kW,60s | 10kW,60s |
| Nominal power*2 | 2.5kW | 5kW | 7.5kW | 10kW | 12.5kW | 15kW |
| Peak output power*2 | 4kW,60s | 8kW,60s | 12kW,60s | 16kW,60s | 20kW,60s | 20kW,60s |
| Dimension (W/D/H)*3 | 690/185/660mm | 690/185/955mm | 690/185/1250mm | 690/185/1545mm | 690*2/185/1250mm | 690*2/185/1250mm |
| Weight | 68kg | 118kg | 168kg | 218kg | 271kg | 321kg |
| Nominal voltage (three phase system) | 650V | | | | | |
| Operating voltage range (three phase system) | 600V~980V | | | | | |
| Battery type | Cobalt Free Lithium Iron Phosphate (LFP) | | | | | |
| Ingress Protection | IP66 | | | | | |
| Installation | Wall-mounted or Floor installation*4 | | | | | |
| Operating ambient temperature | -10°C~50°C | | | | | |
| Relative humidity | 5%~95% | | | | | |
| Cooling | Natural | | | | | |
| Altitude | ≤4000m | | | | | |
| DOD | 90% | | | | | |
| Warranty | 10 years | | | | | |
| Power module | APX 98020-P1 | | | APX 98034-P2 | | |
| Dimension(W/D/H) | 690/185/295mm | | | | | |
| Weight | 16kg | | | | | |
| Communication port | CAN/RS485 | | | | | |
| Maximum current | 13A | | | 26A | | |
| Peak current | 20A,60s | | | 34A,60s | | |
| Monitoring parameters | SOC, system voltage, current, cell voltage, cell temperature, PCBA temperature | | | | | |
| Battery module | APX 5.0P-B1 | | | | | |
| Nominal energy | 5kWh | | | | | |
| Nominal voltage | 385V | | | | | |
| Operating voltage range | 330-450V | | | | | |
| Dimensions(W/D/H) | 690/185/295mm | | | | | |
| Weight | 50kg | | | | | |
| Certification & Licensing | IEC62619(Cell&Pack), IEC60730, VDE2510-50, CE, CEC, RCM, UN38.3 | | | | | |

*1 When using the APX 98020-P1 the max. charge/discharge power of the battery system is 7.5 kW, the max. charge/discharge power of the system is also limited by the max. charge/discharge power of the inverter.

*2 When using the APX 98034-P2, the max. charge/discharge power of the battery system is 15 kW, the max. charge/discharge power of the system is also limited by the max. charge/discharge power of the inverter.

*3 Include power module(APX 98020-P1/APX 98034-P2) and Battery Base

*4 Floor installation requires extra base (W/D/H=690/185/50mm)

* 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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