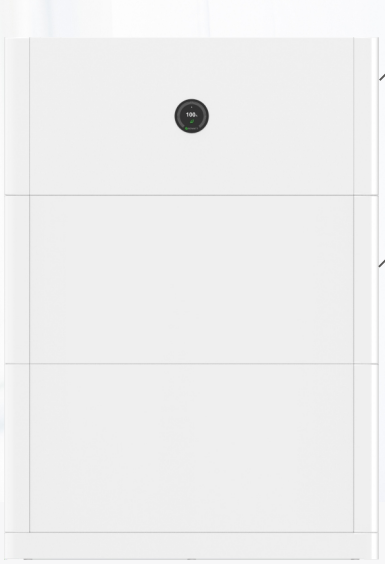
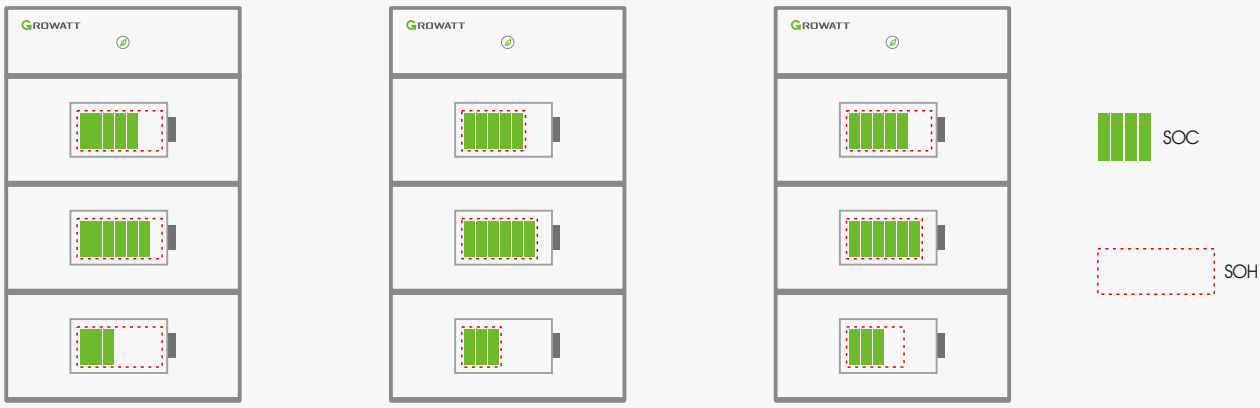
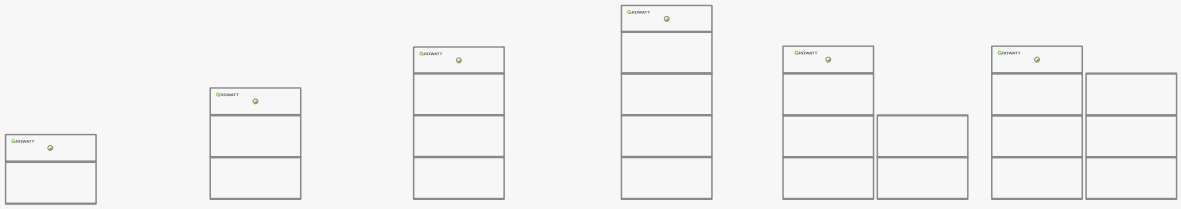
APX HV Battery

- 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					
Power module	**APX 10.0KW-P1**					
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					
Battery module	**APX 5.0P-B1**					
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

*2022 SHENZHEN GROWATT NEW ENERGY CO.,LTD All rights reserved. Subject to change without notice.

SHENZHEN GROWATT NEW ENERGY CO.,LTD. A: 4-13/F,Building A,Sino-German(Europe)Industrial Park,Hangcheng Ave,Bao'an District,Shenzhen,China
T: + 86 755 2747 1900 F: + 86 755 2749 1460 E: info@ginverter.com