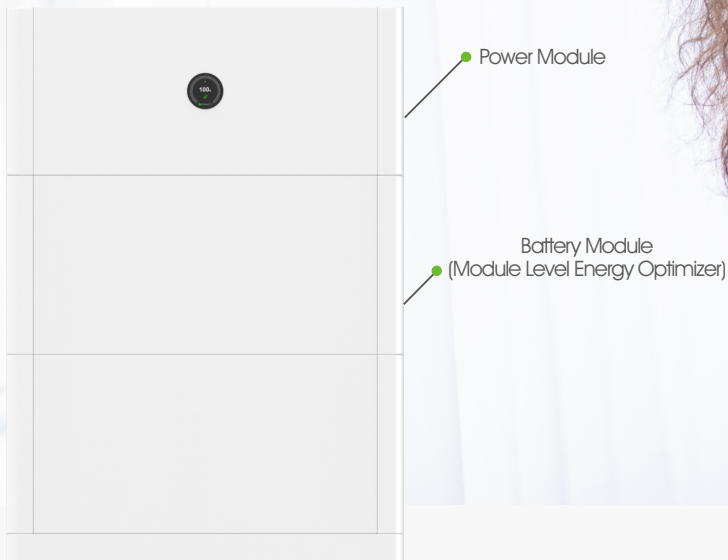
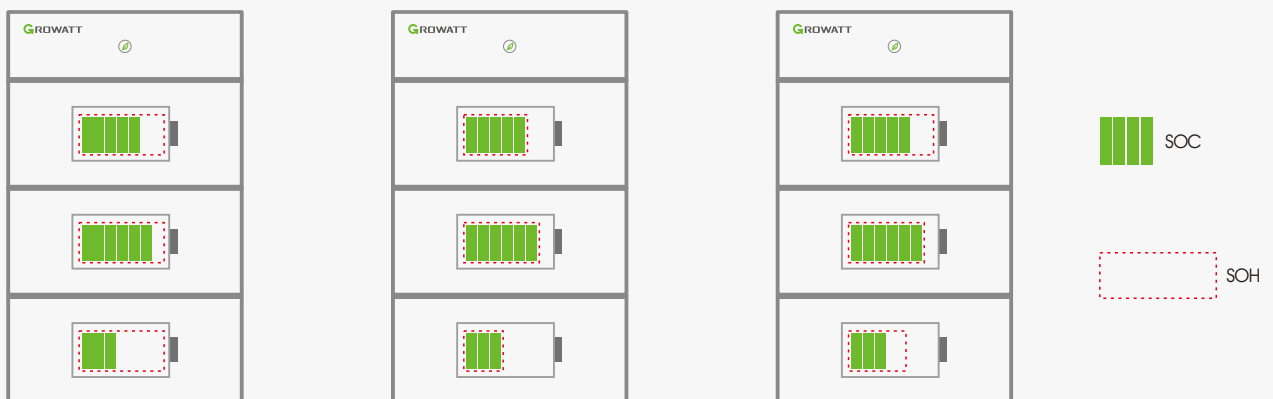


APX HV Battery US

- 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 module can be mixed in one system.



System Model	APX 5.0P-S0-US	APX 10.0P-S0-US	APX 15.0P-S0-US	APX 20.0P-S0-US	APX 25.0P-S0-US	APX 30.0P-S0-US
System Demo						
Battery Module	APX 5.0P-B1-US					
Power module	APX 55042-P0-US					
Number of power modules	1					
Battery module energy	5kWh					
Number of battery modules	1	2	3	4	5	6
Energy Capacity	5kWh	10kWh	15kWh	20kWh	25kWh	30kWh
Max. output power*1	2.5kW	5kW	7.5kW	10kW	12kW	12kW
Peak output power	4kW,60s	8kW,60s	12kW,60s	16kW,60s	16kW,60s	16W,60s
Dimension (W/D/H)*2	690/185/660 mm 27.1/7.3/26 in	690/185/955mm 27.1/7.3/37.6 in	690/185/1250mm 27.1/7.3/49.2 in	690/185/1545mm 27.1/7.3/60.8 in	(690*2)/185/1250 mm (27.1*2)/7.3/60.8 in	(690*2)/185/1250 mm (27.1*2)/7.3/60.8 in
Weight	68kg/149.6lbs	118kg/259.6lbs	168kg/369lbs	218kg/479.6lbs	271kg/596.2lbs	321kg/706.2lbs
Nominal voltage	400V					
Operating voltage range	380V~550V					
Compatible Inverters	MIN 3000-11400TL-XH-US					
Battery type	Cobalt Free Lithium Iron Phosphate (LFP)					
Ingress Protection	IP66/NEMA 4X					
Installation	Wall-mounted or Floor installation*3					
Operating ambient temperature	-10°C~-50°C/14-122°F					
Relative humidity	5%~95%					
Cooling	Natural					
Altitude	≤4000m					
DOD	90%					
Warranty	10 years					
Power Module	APX 55042-P0-US					
Dimension(W/D/H)	690/185/295mm 27.1/7.3/11.6 in					
Weight	15kg/33lbs					
Communication port	CAN/RS485					
Battery side voltage range	330V-450V					
Inverter side voltage range	380V-550V					
Maximum current	33A					
Peak current	42A,60s					
Monitoring parameters	SOC, System voltage, current, cell voltage, cell temperature, PCBA temperature					
Battery module	APX 5.0P-B1 (5kWh,50kg)					
Nominal energy	5kWh					
Nominal capacity	100Ah					
Operating voltage range	330-450V					
Dimensions(W/D/H)	690/185/295mm 27.1/7.3/11.6 in					
Weight	50kg/110lbs					
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 and Battery Base

*3 Floor installation requires extrabase (W/D/H=690/185/60mm)

* 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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