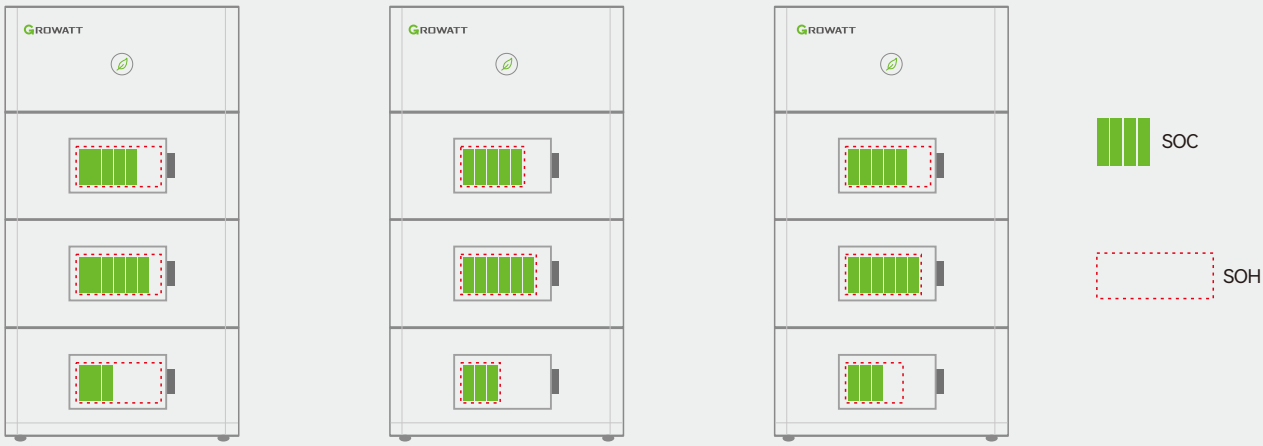
APX HV Battery

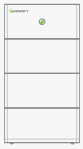
(APX 5.0-30.0P-S1, APX 5.0-30.0P-S2)

- 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
Max. output 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
Max. output 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]	690/185/650mm	690/185/945mm	690/185/1240mm	690/185/1535mm	690*2/185/1240mm	690*2/185/1240mm
Weight*[3]	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		
Max. output power	7.5kW			15kW		
Compatible invereters	MOD 3000-10000TL3-XH(BP)			MOD 3000-10000TL3-XH(BP) / MID 11-30KTL3-XH		
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					
IEC62040, IEC62477, IEC62619, CE, RCM, VDE2510-50, UKCA, UN38.3						

* 1.2 When using different power modules, the max. charge/discharge power of the battery system is different, APX 98020-P1 is 7.5 kW, APX 98034-P2 is 15kW, also the max. charge/discharge power of the whole system is limited by the max. charge/discharge power of the inverter and the battery capacity.

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

* 4 Floor installation requires extra base (W/D/H=690/185/60mm). Wall-mounted installation requires extra wall bracket.

* Nominal charge/discharge current and power derating will occur related to Temperature and SOC.

* 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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