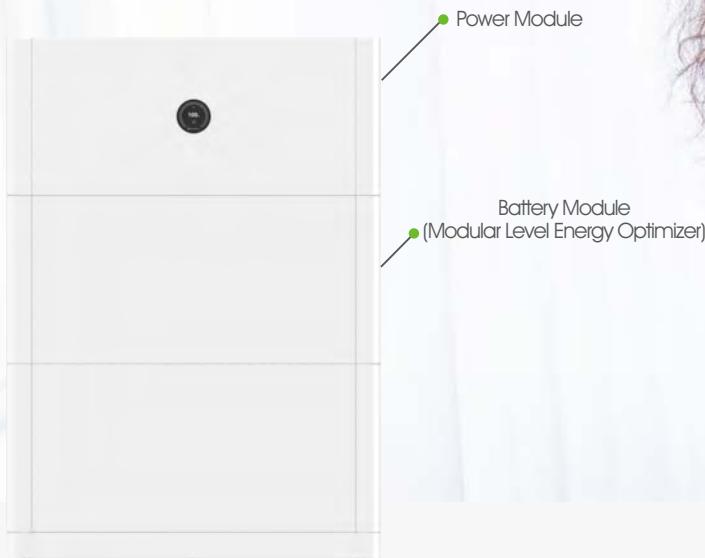
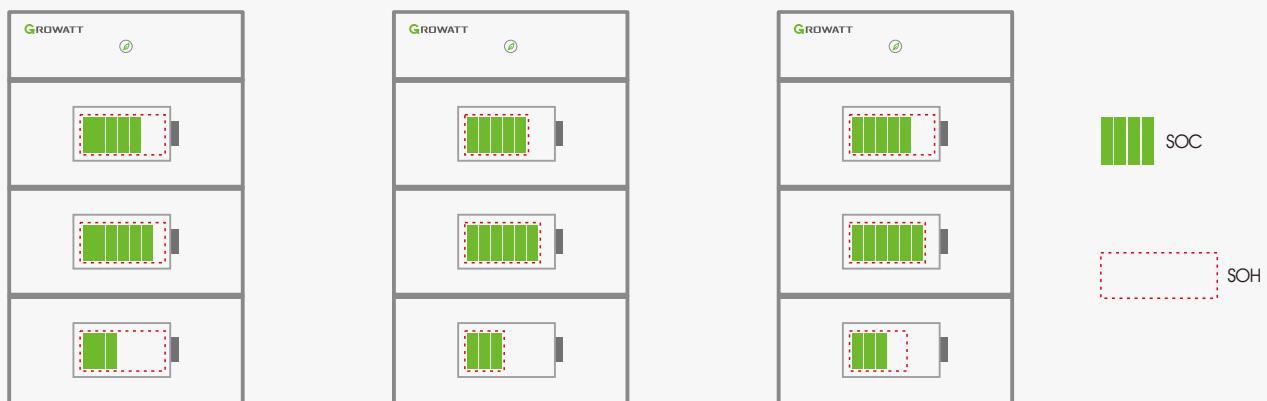


# APX HV Battery

- 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
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	690/185/660mm	690/185/955mm	690/185/1250mm	690/185/1545mm	690*2/185/1250mm	690*2/185/1250mm
Weight	65kg	115kg	165kg	215kg	265kg	315kg
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		
<b>Power module</b>	<b>APX98020-P1</b>			<b>APX98034-P2</b>		
Dimension(W/D/H)				690/185/295mm		
Weight				15kg		
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					
<b>Battery module</b>	<b>APX 5.0P-B1</b>					
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/UL1973/UL9540A/FCC					

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

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

\*3 Include power module(APX 98027-C1/APX 98034-C2) 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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