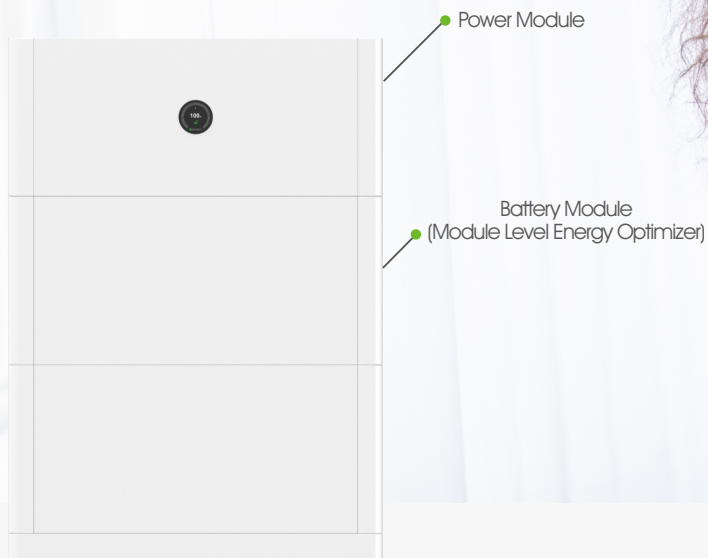
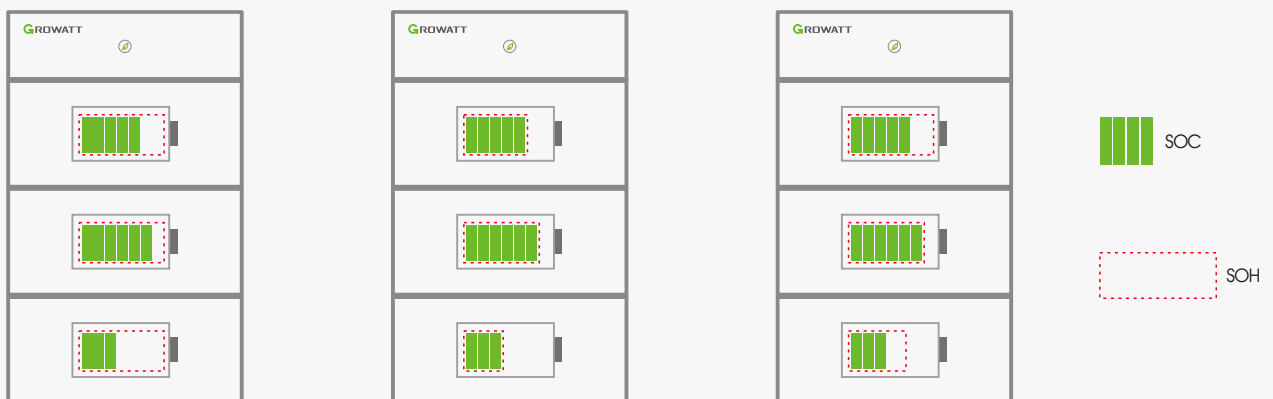


# APX HV Battery

- 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						
Battery Module	APX 5.0P-B1					
High Voltage Controller	APX 55023-C0					
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
Usable Capacity	5kWh	10kWh	15kWh	20kWh	25kWh	30kWh
Max. output power*1	2.5kW	5kW	5kW	5kW	5kW	5kW
Peak output power	4kW,60s	8kW,60s	8kW,60s	8kW,60s	8kW,60s	8kW,60s
Dimension (W/D/H)*2	690/185/660 mm	690/185/955mm	690/185/1250mm	690/185/1545mm	(690*2)/185/1250 mm	(690*2)/185/1250mm
Weight	65kg	115kg	165kg	215kg	265kg	315kg
Nominal voltage (single phase system)	400V					
Operating voltage range (single phase system)	380V~550V					
Compatible Inverters	MIN 2500-6000TL-XH					
Battery type	Cobalt Free Lithium Iron Phosphate (LFP)					
Ingress Protection	IP66					
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					
<b>High Voltage Controller</b>	<b>APX 55023-C0</b>					
Dimension(W/D/H)	690/185/295mm					
Weight	15kg					
Communication port	CAN/RS485					
Battery side voltage range	330V-450V					
Inverter side voltage range	380V-550V					
Maximum current	15A					
Peak current	23A,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 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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System Model	APX 5.0P	APX 10.0P	APX 15.0P	APX 20.0P	APX 25.0P	APX 30.0P
System Demo						
Battery Module	APX 5.0P-B1					
High Voltage Controller	APX 98026-C2					
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
Usable Capacity	5kWh	10kWh	15kWh	20kWh	25kWh	30kWh
Max. output power*1	2.5kW	5kW	7.5kW	10kW	12.5kW	15kW
Peak output power	4kW,60s	8kW,60s	12kW,60s	16kW,60s	20kW,60s	24W,60s
Dimension (W/D/H)*2	690/185/660 mm	690/185/955mm	690/185/1250mm	690/185/1545mm	(690*2)/185/1250 mm	(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					
Compatible Inverters	MOD 3-10KTL3-XH					
Battery type	Cobalt Free Lithium Iron Phosphate (LFP)					
Ingress Protection	IP66					
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					
<b>High Voltage Controller</b>	<b>APX 98026-C2</b>					
Dimension(W/D/H)	690/185/295mm					
Weight	15kg					
Communication port	CAN/RS485					
Battery side voltage range	330V-450V					
Inverter side voltage range	600V-980V					
Maximum current	26A					
Peak current	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 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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