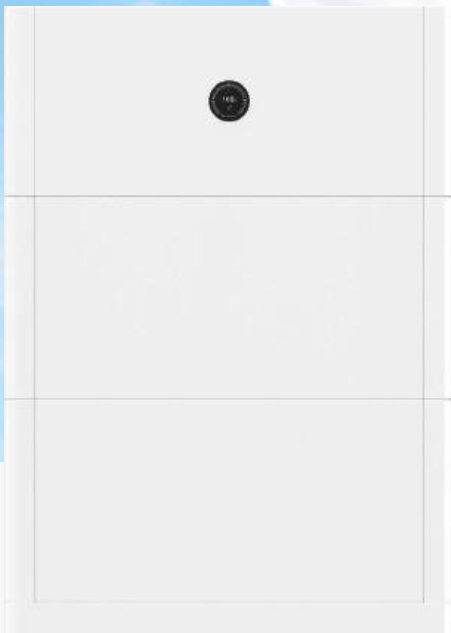


# APX HV Battery-S2



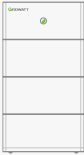


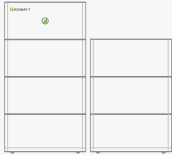
- Flexible capacity options, 5kWh to 30kWh
- Support to mix new and old battery modules in one system
- Module level energy optimization
- Easy installation with modular and stacked design



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System Model	APX 5.0P-S2	APX 10.0P-S2	APX 15.0P-S2	APX 20.0P-S2	APX 25.0P-S2	APX 30.0P-S2
System Demo						
Power module	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
Usable Capacity	4.5kWh	9kWh	13.5kWh	18kWh	22.5kWh	27kWh
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	20kW,60s
Dimension (W/D/H)*2	690/185/660 mm	690/185/955 mm	690/185/1250 mm	690/185/1545 mm	690*2/185/1250 mm	690*2/185/1250mm
Weight	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*3					
Operating ambient temperature	-10°C~50°C					
Relative humidity	5% ~ 95%					
Cooling	Natural					
Altitude	≤4000m					
Warranty	10 years					
<b>Power module</b>	<b>APX 98034-P2</b>					
Dimension(W/D/H)	690/185/295mm					
Weight	16kg					
Communication port	CAN/RS485					
Module+/ Module-voltage range	330V-450V					
BAT+/ BAT-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, battery 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