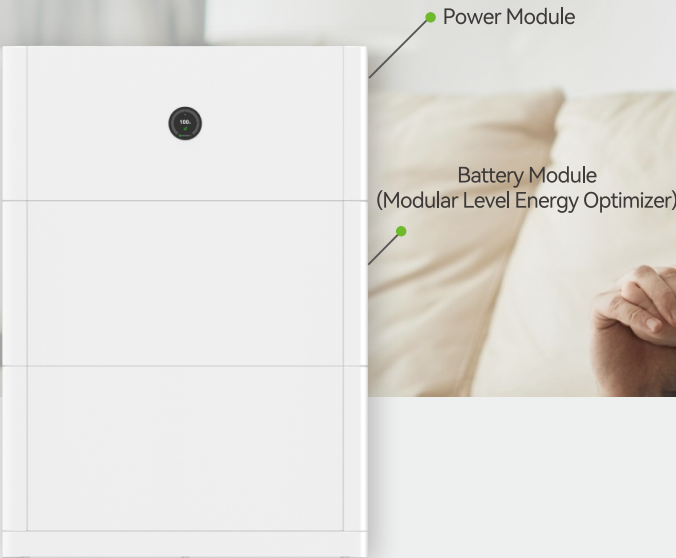


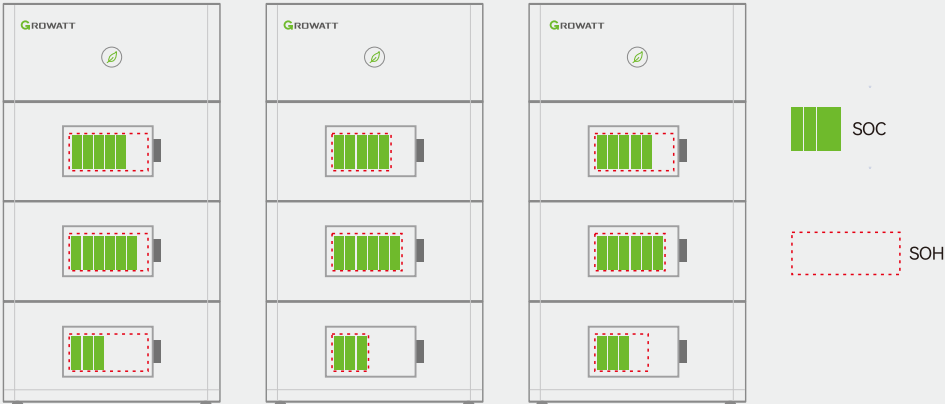
APX HV Battery AU





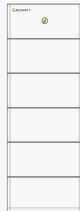

(APX 5.0-30.0P-S2 AU)

- Flexible capacity options, 5kWh to 60kWh
- 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.



Datasheet	APX 5.0P-S2 AU	APX 10.0P-S2 AU	APX 15.0P-S2 AU	APX 20.0P-S2 AU	APX 25.0P-S2 AU	APX 30.0P-S2 AU
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
Max. charge/discharge power*1	2.5kW	5kW	7.5kW	10kW	12.5kW	15kW
Peak charge/discharge power*1	4kW,60s	8kW,60s	12kW,60s	16kW,60s	20kW,60s	20kW,60s
Dimension (W/D/H)*2	690/185/660mm	690/185/955mm	690/185/1250mm	690/185/1545mm	690*2/185/1840mm	690*2/185/2135mm
Weight*2	68kg	118kg	168kg	218kg	268kg	318kg
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					
DOD	100%					
Warranty	10 years					
Power module	APX 98034-P2					
Dimension (W/D/H)	690/185/295mm					
Weight	16kg					
Communication port	CAN/RS485					
Maximum current	26A					
Peak current	34A,60s					
Max. output power	15kW					
Compatible inverters	MOD 3-10KTL3-XH(BP) / MID 11-30KTL3-XH / MOD 3-15KTL3-HU / MID 29.9-50KTL3-HU					
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					
Warranty	10 years					
Country of manufacture	Made in China					

IEC62040, IEC62477, IEC62619, CE, RCM, VDE2510-50, UKCA, UN38.3

* 1 The max. charge/discharge power of the APX 98034-P2 is 15kW, and the max. charge/discharge power of the whole system is limited by the max. charge/discharge power of the inverter and the battery capacity.

* 2 Include power module (APX 98034-P2) and Battery Base.

* 3 Floor/wall installation requires a base (690×185×60mm) or bracket, with a maximum of 6 batteries per column, and must not exceed the limits set by local installation codes.

* 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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