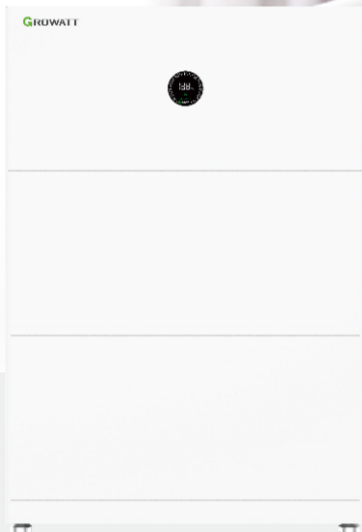


APX HV Battery V2

(APX 5.0-30.0P-S4)

- Flexible capacity options, 5kWh to 30kWh
- Module level energy optimization
- Support to mix new and old battery modules in one system
- Stacked design with no wiring simplifies installation
- Wider operating temperature range from -20°C to 55°C

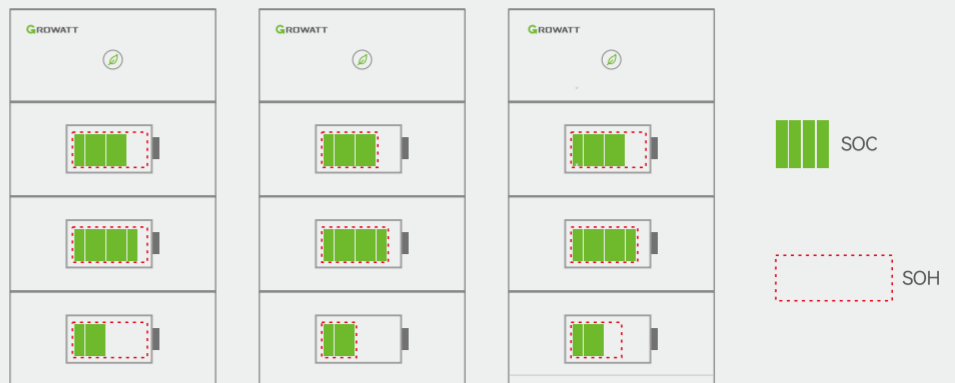


Power Module

Battery Module
(Modular Level Energy Optimizer)







Preliminary Version

- Different SOC and SOH of the battery modules can be mixed in one system.



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System Model	APX 5.0P-S4	APX 10.0P-S4	APX 15.0P-S4	APX 20.0P-S4	APX 25.0P-S4	APX 30.0P-S4
System demo						
Power module	APX 98034-P4					
Number of power modules	1					
Battery module	APX 5.0P-B2					
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	10kW	12.5kW	15kW
Peak output power* 1	4kW,60s	8kW,60s	12kW,60s	16kW,60s	20kW,60s	20kW,60s
Dimension of system (W/D/H)*2	675/185/680mm	675/185/985mm	675/185/1290mm	675/185/1595mm	(675*2)/185/1290mm	(675*2)/185/1290mm
Weight of system*3	66kg	114kg	162kg	210kg	261kg	309kg
Nominal voltage (three phase system)	750V					
Operating voltage range (three phase system)	600-980V					
Battery type	Cobalt Free Lithium Iron Phosphate (LFP)					
Ingress protection	IP66					
Installation	Wall-mounted or Floor installation					
Operating ambient temperature	-20°C~55°C					
Relative humidity	5%~95%					
Cooling	Natural					
Altitude	≤4000m					
Warranty	10 years					
Display	LED indicator					
Power Module	APX 98034-P4					
Dimension (W/D/H)	675/185/305mm					
Weight	16kg					
Communication port	CAN/RS485					
Maximum current	26A					
Peak current	34A,60s					
Max. output power	15kW					
Compatible inverters	MOD 3000-10000TL3-XH(BP) / MID 11-30KTL3-XH / MOD 3-15KTL3-HU / MID 30-50KTL3-HU					
Monitoring parameters	SOC, System voltage, current, cell voltage, cell temperature, PCBA temperature					
Battery module	APX 5.0P-B2					
Nominal energy	5kWh					
Nominal voltage	380V					
Operating voltage range	330-450V					
Dimension (W/D/H)	675/185/305mm					
Weight	48kg					

IEC62619(Cell&Pack)/CE/CEC/UN38.3/IEC62040

* 1 The max. charge/discharge power of APX 98034-P4 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.

* 2 The size includes the base. When configuring more than 4PCS battery modules, it is recommended to place them in two groups to avoid high stacking and inconvenient installation.

* 3 When choosing wall-mounted installation, you need to ensure that the installation wall can bear the weight of the battery system. We recommend floor stacking installation.

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