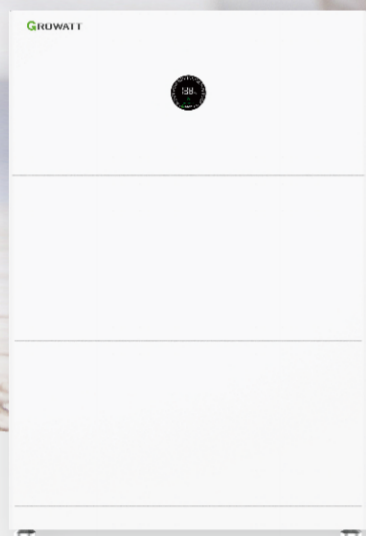


APX HV Battery V2

(APX 5.0-20.0P-S3)

- Flexible capacity options, 5kWh to 20kWh
- 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

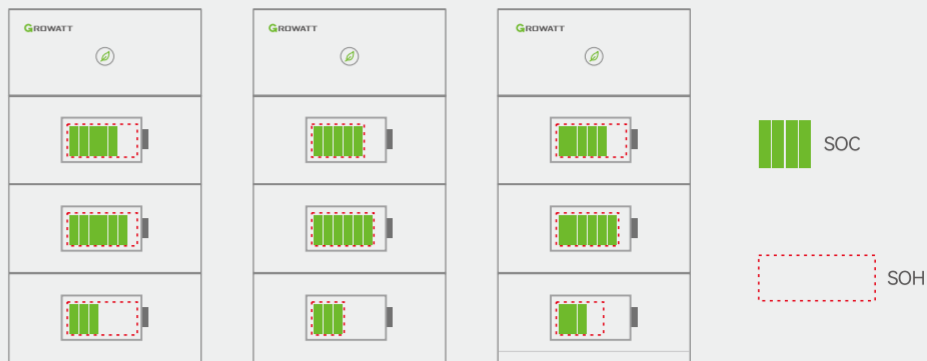


Power Module

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-S3		APX 10.0P-S3		APX 15.0P-S3		APX 20.0P-S3	
System demo								
Power module	APX 55027-P3							
Number of power modules	1							
Battery module	APX 5.0P-B2							
Battery module energy	5kWh							
Number of battery modules	1	2		3		4		
Energy capacity	5kWh	10kWh		15kWh		20kWh		
Max. output power* 1	2.5kW	5kW		6.2kW		6.2kW		
Peak output power* 1	4kW,60s	8kW,60s		10kW,60s		10kW,60s		
Dimension of system (W/D/H)* 2	675/185/595mm	675/185/900mm		675/185/1205mm		675/185/1510mm		
Weight of system* 3	60kg	108kg		156kg		204kg		
Nominal voltage (single phase system)	400V							
Operating voltage range (single phase system)	380-550V							
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 55027-P3							
Dimension (W/D/H)	675/185/220mm							
Weight	10kg							
Communication port	CAN/RS485							
Maximum current	17A							
Peak current	27A,60s							
Max. output power	6.2kW							
Compatible inverter	MIN 2500~6000TL-XH							
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 55027-P3 is 6.2kW, 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.

* 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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