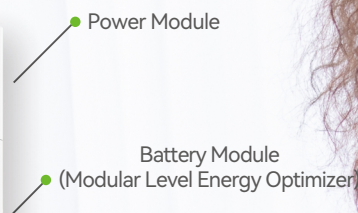
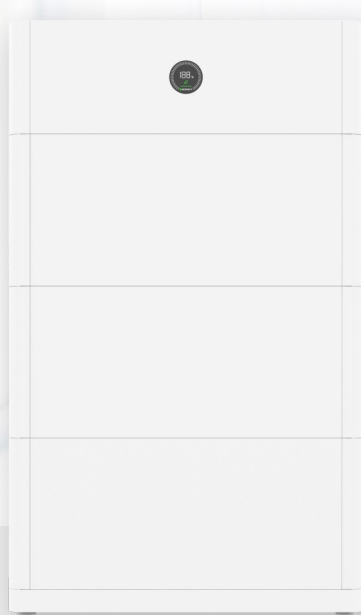


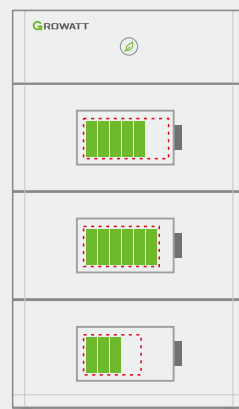
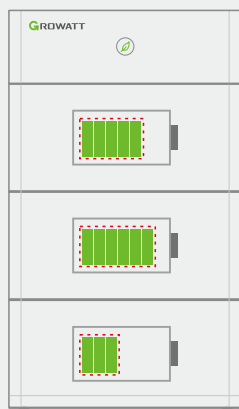
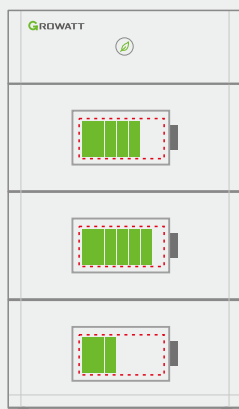
APX HV Battery

(APX 5.0-30.0P-S0)

- Flexible capacity options, 5kWh to 30kWh
- 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.



■ SOC

□ SOH

System Model	APX 5.0P	APX 10.0P	APX 15.0P	APX 20.0P	APX 25.0P	APX 30.0P
System demo						
Power module	APX 55027-P0					
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
Nominal Power* ¹	2.5kW	5kW	6.2kW	6.2kW	6.2kW	6.2kW
Peak output power* ¹	4kW,60s	8kW,60s	10kW, 60s	10kW, 60s	10kW, 60s	10kW, 60s
Dimension (W/D/H)* ²	690/185/575mm	690/185/870mm	690/185/1165mm	690/185/1460mm	690*2/185/1165mm	690*2/185/1165mm
Weight* ²	62kg	112kg	162kg	212kg	265kg	315kg
Nominal voltage (single phase system)	450V					
Operating voltage range (single phase system)	380V~550V					
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	90%					
Warranty	10 years					
Power module	APX 55027-P0					
Dimension (W/D/H)	690/185/220mm					
Weight	10kg					
Maximum current	17A					
Peak current	27A,60s					
Max. output power	6.2kW					
Compatible Inverters	MIN 2500-6000TL-XH					
Communication port	CAN/RS485					
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					

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

* 1 The max. charge/discharge power of APX 55027-P0 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 Include power module(APX 55027-P0) and Battery Base.

* 3 Floor installation requires extra base (W/D/H=690/185/60mm). Wall-mounted installation requires extra wall bracket.

* Nominal charge/discharge current and power derating will occur related to Temperature and SOC.

* MIN 2500-6000TL-XH need a firmware update to work with APX 5.0-30.0P-S0.

* 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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