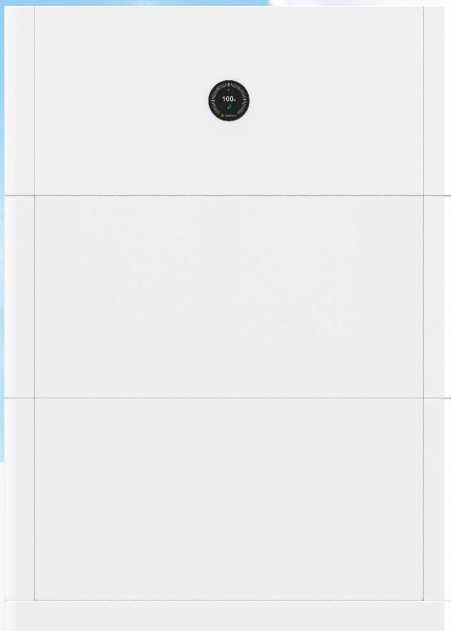








APX HV Battery-S1

- 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



P O W E R
- I N G O
T O M O -
R R O W O

GROWATT

System Model	APX 5.0P-S1	APX 10.0P-S1	APX 15.0P-S1	APX 20.0P-S1	APX 25.0P-S1	APX 30.0P-S1
System Demo						
Power module	APX 98020-P1					
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	7.5kW	7.5kW	7.5kW
Peak output power	4kW,60s	8kW,60s	12kW,60s	12kW,60s	12kW,60s	12kW,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 (single phase system)	650V					
Operating voltage range (three phase system)	650V					
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					
Power module	APX 98020-P1					
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	13A					
Peak current	20A,60s					
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					
Certification & Licensing	IEC62040/IEC62477/IEC62619/CE/RCM/VDE2510-50/UKCA/UN38.3					

*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