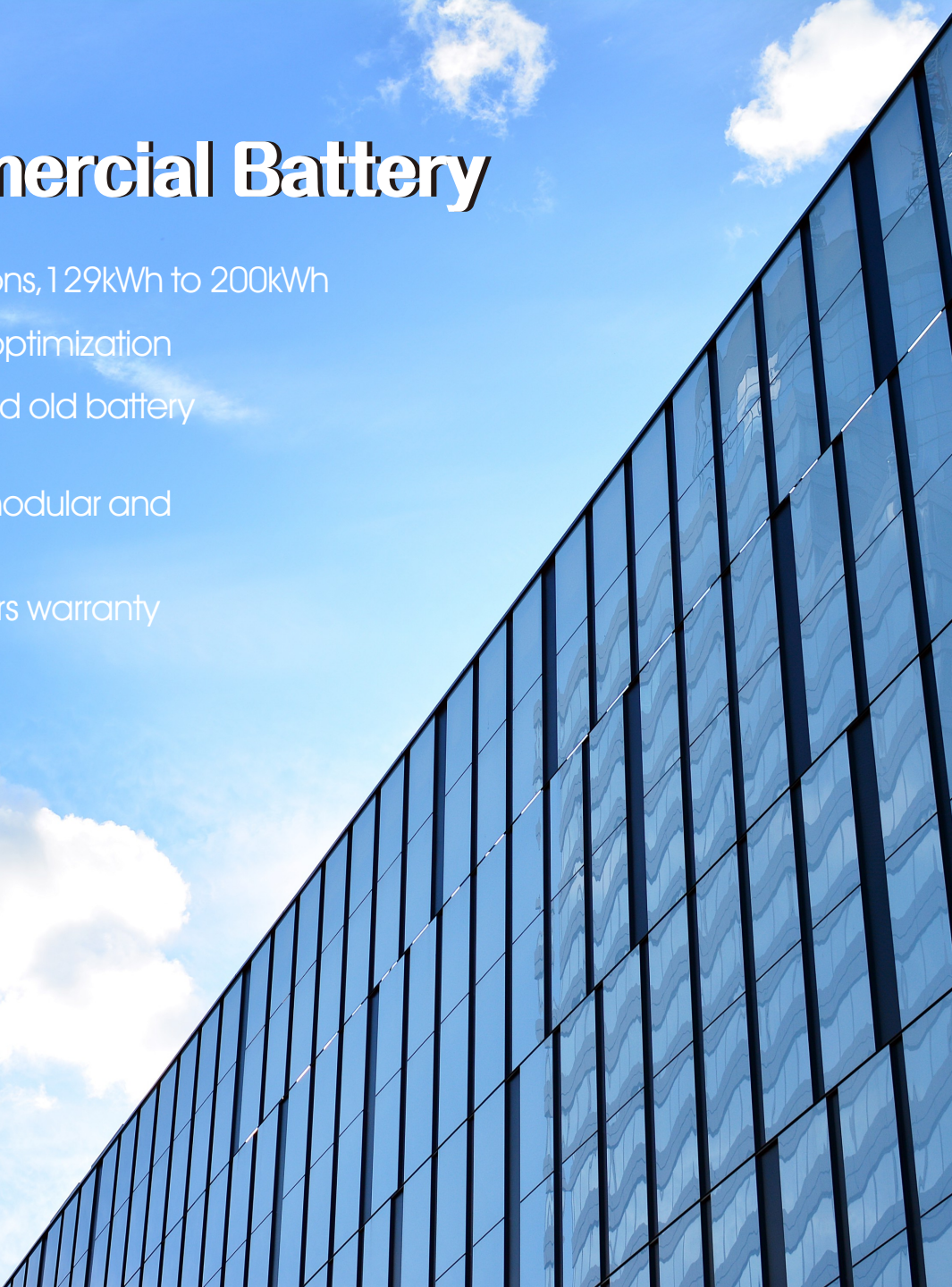
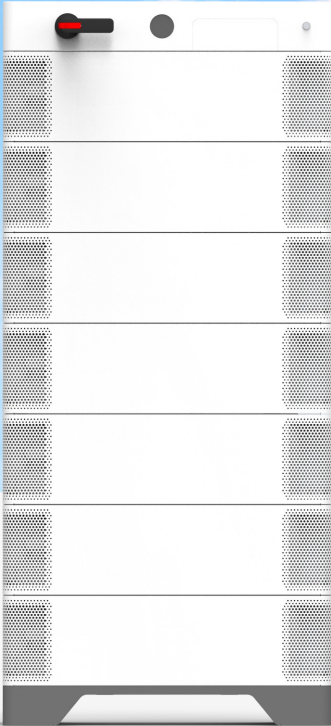


APX Commercial Battery

- Flexible capacity options, 129kWh to 200kWh
- 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



Preliminary Version

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



Datasheet	APX 129.0H-S1	APX 143.3H-S1	APX 157.6H-S1	APX 172.0H-S1	APX 186.3H-S1	APX 200.7H-S1
System Demo						
Control module	HVC 1000200-C1					
Number of power modules	1					
Battery Module	APX 14.3P-B1					
Battery module energy	14.33kWh					
Number of battery modules	9	10	11	12	13	14
Nominal Energy	129.02kWh	143.36kWh	157.69kWh	172.03kWh	186.36kWh	200.70kWh
Rated Energy	116.11kWh	129.02kWh	141.92kWh	154.82kWh	167.72kWh	180.63kWh
Max. output power*1	64kW	71kW	78kW	86kW	93kW	100kW
Peak output power	103.21kW,60s	114.68kW,60s	126.15kW,60s	137.62kW,60s	149.08kW,60s	160.56kW,60s
Dimension (W/D/H)*2	900/510/1335mm *2 35.4/ 20.0/52.5inch *2	900/510/1490mm *2 35.4/ 20.0/58.6inch *2	900/510/1580mm *2 35.4/ 20.0/62.2inch *2	900/510/1735mm *2 35.4/ 20.0/68.3inch *2	900/510/1825mm *2 35.4/ 20.0/71.8inch *2	900/510/1980mm *2 35.4/ 20.0/77.9inch *2
Weight	1195kg/2634lb	1320kg/2910lb	1445kg/3185lb	1570kg/3461lb	1695kg/3736lb	1820kg/4012lb
Nominal voltage	820V					
Operating voltage range	650V~945V					
Output full load voltage range	720V~855V					
Nominal capacity	280AH(@25°C)					
Rated capacity	252AH(@25°C)					
Battery type	Cobalt Free Lithium Iron Phosphate (LFP)					
Ingress Protection	IP66/NEMA 4X					
Installation	Floor installation					
DOD	90%					
Operating ambient temperature	-10°C~50°C/14°F~122°F					
Relative humidity	5%~95%					
Cooling	Natural					
Altitude	≤4000m					
Warranty	10 years					
Control module	HVC 1000200-C1					
Dimension(W/D/H)	900/510/155 mm 35.4/20.0/6.1 inch					
Weight	30kg/66.1lb					
Communication Port	CAN					
Operating voltage range	600V-950V					
Maximum current	200A					
Peak current	224A,60s					
Monitoring parameters	SOC, System voltage, current, cell voltage, cell temperature, PCBA temperature					
Battery module	APX 14.3P-B1					
Nominal energy	14.33kWh					
Nominal voltage	80V					
Operating voltage range	0-105V					
Dimensions(W/D/H)	900/510/245 mm 35.4/20.0/9.6 inch					
Weight	125kg/275.5lb					
Certification & Licensing	IEC62619(Cell&Pack)/IEC60730/VDE2510-50/ CE/CEC/RCM/UN38.3/UL1973/UL9540/UL9540A/FCC					

*1 Depend on the max. battery charge/discharge power of the inverter.

*2 Include power module (HVC 1000200-C1)

*3 Floor installation requires extrabase (W*D*H=900/510/110mm)

* APX series battery has an EU model and a General model, the storage inverters sold in European countries only work with EU

* 2022 SHENZHEN GROWATT NEW ENERGY CO.,LTD All rights reserved. Subject to change without notice.