



EP CUBE Lite



**Affordable Grid-Tied Energy Storage Solution
for Everyone**



Integrated hybrid inverter
Supports DC and AC input



Scalable from 6.6 to 19.9 kWh
Easy to transport and install



3 to 7.6 kW output power
Remote monitoring



10-year warranty
Energy retention > 80%

COMLITE SPECIFICATIONS



ComLite

Power supply

Input voltage	240 V _{AC} (L-L)
Input current	< 0.5 A
Frequency	60 Hz

Communication

connection	WIFI / Bluetooth
------------	------------------

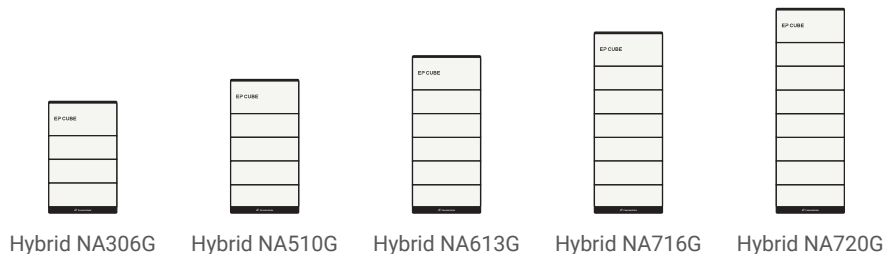
External interface

CT	3
----	---

Additional Data

Enclosure	IP65
Dimensions (W*H*D)	9.84" x 15.75" x 3.94" / 250 x 400 x 100 mm
Mounting options	wall mount
Weight	7.7 lbs / 3.5 kg
Maximum elevation	3000m
Ambient operating temperature	-20 °C ~ 50 °C
Relative humidity	0 ~ 95%
Storage temperature	-20 °C ~ 55 °C
Storage humidity	0 ~ 95%

HYBIRD SPECIFICATIONS



EP Cube system					
Hybrid inverter			1		
Battery module	2	3	4	5	6
Base			1		
Hybrid inverter					
MPPTs			4		
Input current			I mp 16A / I sc 20A per MPPT		
PV maximum input voltage			600V _{DC}		
Allowable DC-AC ratio			2		
Nominal grid voltage			240V _{AC}		
Frequency			60Hz		
Maximum inverter CEC efficiency			93.93%		
Imbalance for split-phase loads			100%,maximum 3.8kW for each phase		
Energy storage					
Total energy	6.6 kWh	9.9 kWh	13.3 kWh	16.6 kWh	19.9 kWh
AC output					
PV + Battery			7.6 kW, 31.6 A		
Battery only	3 kW	5 kW	6.5 kW	7.6 kW	7.6 kW
Safety & compliance					
Protections			Integrated arc fault circuit interrupter (AFCI), PV RSD *		
Certifications			UL 1699B, UL 1741, IEEE 1547, IEEE 1547-1, IEEE 2030.5, UL 1998, UL 1642, UL 1973, UL 9540, UL 9540A, UN 38.3, UL 60730-1 ANNEX H, FCC Part 15 (Class B), IEEE 693-2005 (high)		
Listing			CEC, HECO		
General parameters					
Enclosure			NEMA 4X		
Noise			< 50dB @ 1m, front side		
Dimensions	23.62" x 39.57" x 9.25" 600 x 1005 x 235 mm	23.62" x 48.03" x 9.25" 600 x 1220 x 235 mm	23.62" x 56.50" x 9.25" 600 x 1435 x 235 mm	23.62" x 64.96" x 9.25" 600 x 1650 x 235 mm	23.62" x 73.43" x 9.25" 600 x 1865 x 235 mm
System weight	220.5 lbs / 100 kg	286.6 lbs / 130 kg	352.7 lbs / 160 kg	418.9 lbs / 190 kg	485 lbs / 220 kg
Battery module weight			70lbs / 32kg		
Inverter weight			77lbs / 35kg		
Base weight			5.5lbs / 2.5kg		
Mounting options			Floor or wall mount		
Max. elevation			9,843 ft / 3,000 m		
Ambient operating temperature			14°F to 122°F / -10°C to 50°C **		
Recommended operating temperature			32°F to 86°F / 0°C to 30°C		
Limited warranty					
System warranty			> 80% capacity, up to 10 years or 6,000 cycles ***		

Notes

- * PVRSD support Tigo and APSmart transmitter.
- ** Performance may be de-rated in extreme operating temperatures.
- *** Battery capacity warranty up to 10 years or 6,000 cycles (whichever occurs first)