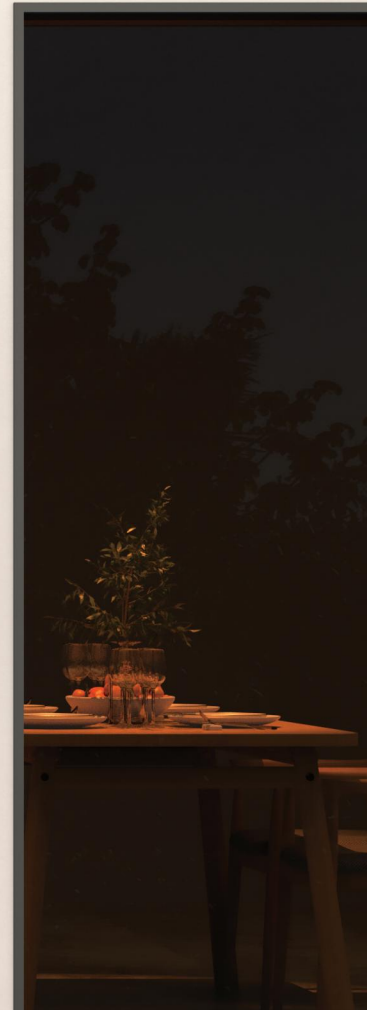




# EP CUBE Lite



**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 <sub>AC</sub> (L-L)
Input current	< 0.5 A
Frequency	60 Hz

### Communication

connection	WIFI / Bluetooth
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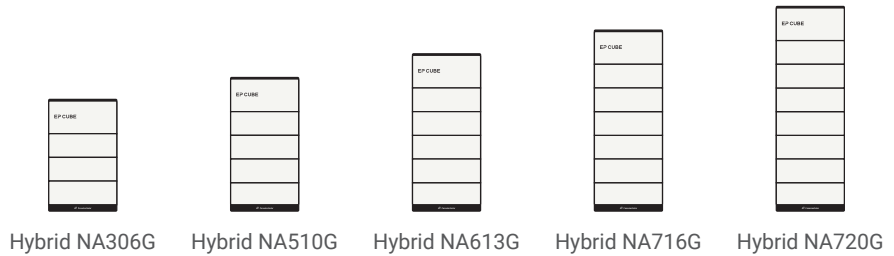
### External interface

CT	3
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### 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 <sub>DC</sub>				
Allowable DC-AC ratio	2				
Nominal grid voltage	240V <sub>AC</sub>				
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 APSSmart transmitter.
- \*\* Performance may be de-rated in extreme operating temperatures.
- \*\*\* Battery capacity warranty up to 10 years or 6,000 cycles (whichever occurs first)