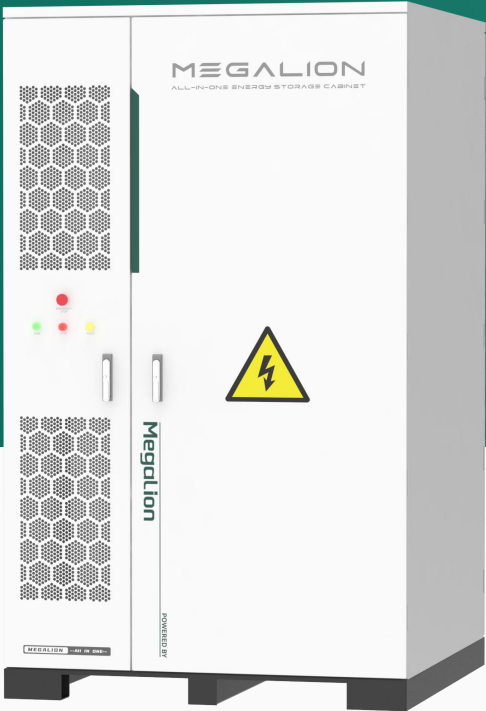


C&I Energy Storage Cabinet
MEGAESS418K

- **High Safety**
Cutting-edge hybrid electrolyte solid-state LFP
- **Ultra-Intelligence**
Big data +Age machnism +AI+BMS Control strategy
- **High Efficiency**
EMS+BMS+PCS+TMS+SMS 5S integration



PRODUCT PARAMETERS

Parameters		MEGAESS418K
Battery Parameters	Cell type & capacity	Hybrid Electrolyte Solid State LFP 314 Ah
	Cycle Life	≥6000 (25 °C±2°C,0.5C / 0.5 C, 90% DOD, 70% SOH)
	Battery module type	1P52S
	Nominal Voltage DC	1331.2 V
	Nominal voltage range	1206.4 ~1500 Vdc
	System capacity	417.996 kWh
AC Side On-grid Parameters	Grid type	3P4W
	Charging/discharging power	215 kW
	Rated grid voltage	690 V
	Frequency range	50 Hz / 60 Hz
	Rated AC output current	180 A
	Power Factor	> 0.99
AC Side Off-grid Parameters	Harmonics	<3% (at rated power)
	Rated output power	215 kW
	Rated output voltage	690 V
	Harmonics	<3% (at rated power)
General Parameters	Dimension (W*D*H)	1400*1400*2350 mm
	Max. weight	3.7 t
	IP	IP55 (Battery Cabinet), IP54 (Electrical Cabinet)
	Cooling method	Liquid Cooling
	Fire fighting system	Rapid type aerosol fire extinguishing device
	Anti-corrosion grade	C3 / C4 / C5
	Relative humidity	5~95% RH (No condensation)
	Operating temperature	-20~55°C (>45°C Power Derating)
	Operating altitude	≤3000 m (>2000m Power Derating)
Certifications	System: CE (EN61000,IEC62477), IEC62619, UN38.3; Converter: EN50549-1, CE (EN61000,IEC62477), GB/T34120; Cell: IEC62619 ,UL1973, UL1642, UL9540A, UN38.3	

