



LUMION 215 | CABINET



1900 x 1330 x 2100mm



<2500kg

ALL IN ONE BESS

KEY ITEM	SPECIFICATION
Configuration	20S1P
Rated Energy	215kWh
Cycle Life	>6000
Cell Capacity	280Ah
Rated Output Voltage	400 V
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Efficiency	>90% at optimized point (>95% efficiency of PCB modules)
Response Time (ms)	100
Dimension (WxDxH)	1900 x 1330 x 2100mm
Max Weight	<2500kg
Rated Power	100kW
Operating Ambient Temp.	-20-50°C
IP Level	IP55 (Battery compartment) IP34 (Electrical compartment)
Max Output Current	144A
Harmonics	<3% (@rated power)
Overload Capacity	110%, 10 mins; 120%, 60s
Corrosion Resistance	C3
Environment Humidity	0%~95%
Operating Altitude	<2000m
Noise Emision	<75dB
Cooling and heating type	HVAC (Battery compartment) & Forced air cooling (Electrical compartment)
Safety Features	Gas, fire and smoke detectors. Water immersion system for battery compartment. Fire-extinguishing foam for electrical compartment.
Executive standard	IEC62619-2022, UN38.3 IEC62477-2022, IEC62619-2022, IEC61000, G99, EN50549, VDE4105, AS4777, UN3480