

EDGE L



ENERGY

- Increased Energy Density
- Improved auxiliary power energy consumption
- Optimized cooling systems

SAFETY

- UL9540 and UL9540A Certifications
- Improved standardized systems
- Best in class Fire Suppression System & Early Detection Systems

RELIABILITY

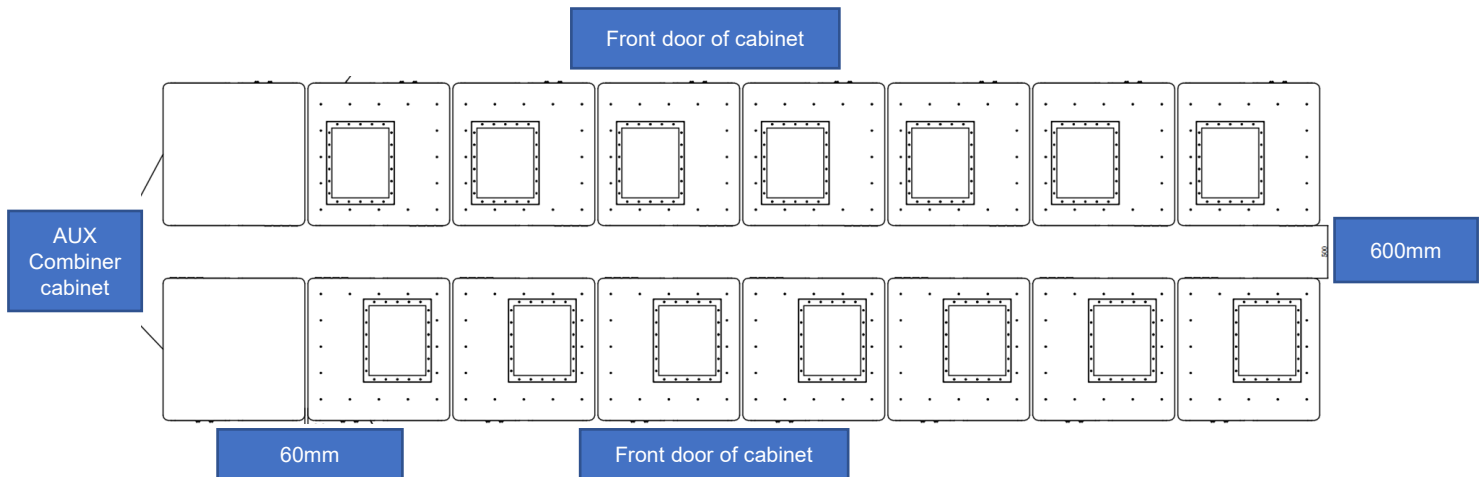
- Long Cycle Life LFP battery Narada battery Cells & Modules
- Factory assembled and tested
- Standard design architecture

MAINTAINABILITY

- Pre-assembled at factory
- Easy access to all necessary equipment without entering enclosure
- Standardized bill of material

01. Liquid Cooled Single String BESS System
02. 8 Modules - 1498V Charge – 372kWh / 418kWh
03. IP55 Outdoor Cabinet with Fused DC Combiner
04. Fire suppression system - gas extinguishing
05. Fire suppression system - water spray (optional)

Battery Application Type		1C	0.5C	0.5C
Battery Rated Capacity		280Ah	280Ah	314Ah
Electrical	DC Rated Voltage	1331.2 V	1331.2 V	1331.2 V
	Maximum Charge/Discharge Rate	1C	0.5C	0.5C
	DC Rated Energy	372 kWh	372 kWh	418 kWh
Performance & Safety	DC Round Trip Efficiency @ Rated Power	93%	93%	93%
	Battery Chemistry	LFP		
	Calendar Life	20 years		
	Fire Suppression	Clean Agent + water		
	Cooling Concept of Battery Chamber	Liquid Cooling		
	Codes & Compliance	UL 9540/ UL 9540A/ CE/ IEC /UN3536		
General Data EDGE L	Noise	≤75dB @1m		
	Weight (Approximate)	3500kg / 5600 lbs		
	Enclosure Dimensions mm/in	1350 x 2350 x 1400 / 53.2 x 92.5 x 55.1		
	Enclosure Rating	IP55		
	Operating Temperature Range	-20~55°C		
	Relative Humidity	0-95% (non-condensing)		
Software	Software Communication Interfaces	CAN, RS485, Ethernet		
	Communication Protocols	CAN, Modbus RTU, Modbus TCP/IP		



20 CABINET CONFIGURATION (Max)

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