Renaissance superRack™ indoor

The **superRack™ indoor** design makes it easy to address a wide range of power and energy applications. **Scaling is simple** with multi rack systems that are pre-configured and with our unique ship-in-rack capability this means **faster, easier and more cost-effective installation**.

All battery logistics must be completed by DG licensed truck and driver.

Mechanical lifting equipment required. Ensure an appropriately rated forklift or pallet jack is used.

Forklift tines are to be fully engaged and products to always remain fully upright.

Specifications may change anytime without notice.

*Configurable to suit inverter/site
^See installation manual for clearance zones

Capacity/rack*	kWh	up to 77
C-rate*	/h	0.5 @ duty = 1, 0.7 @ duty = 0.5, 5 min max
Continuous power*	kW	Up to 38
Nominal voltage	V_{dc}	up to 768* (per rack)
	V_{dc}	76.8 (per pack)
Operating voltage per pack	V_{dc}	64.8 – 86.4
Efficiency	%	>97%, 0.5 C/h
Operating temperature	°C	25 ± 5
Relative humidity	%	0~95% (no condensing)
Elevation	m	<2,000
Certificates	–	UL1642,1973(Safety), UN38.3(Transport), CE, Australian Made (AMAG)
IP rating	–	IP 20
Communication	–	Via superEMS™/superModbus™
Lifetime	cycles	3,650 to 80%
		5,000 to 67%
		6,000 to 67%, 0.25 C/h max
Switchgear fuse rating	–	1,500 V_{dc}, 125 A, 250 kA
Switchgear auxiliary (logic) power requirements	–	230 V_{ac}, 10 A Female IEC cable
Charging method	–	CC-CV, CP-CV, CP
Populated superRack™ weight	kg	Up to 360 ± 50 (8 pack rack) Up to 780 ± 50 (10 pack rack)
Dimensions (D x W x H)^	mm	880 x 540 x 1,840 (8 pack rack) 880 x 540 x 2,200 (10 pack rack)
Paralleling	–	yes

energy renaissance