

Renaissance superRack™ indoor twin



The superRack™ twin 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

Energy Renaissance uses all reasonable efforts to include accurate information and reserves the right to make changes without prior notice or obligation. No warranties or representations with respect to the contents of this brochure are made.

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Capacity/rack*	kWh	Up to 153
C-rate*	/h	0.5 @ duty = 1, 0.7 @ duty = 0.5, 5 min max
Continuous power*	kW	up to 65
Nominal voltage	V _{dc}	Up to 1,306* (per rack)
	V _{dc}	76.8 (per pack)
Operating voltage per pack	V _{dc}	63.5 – 85.2
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 superEMST™/superModbus™ (MODBUS RTU or TCP)
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 per rack (two racks per installation)	kg	Up to 360 ± 50 (8 pack rack)
		Up to 780 ± 50 (10 pack rack)
Dimensions per rack^ (two racks per installation)	mm	880D x 540W x 1840H (8 pack rack)
		880D x 540W x 2,200H (10 pack rack)
Paralleling	–	yes