



# GE ENERGY STORAGE ENERGY STORAGE UNIT RSU-4000

MODULAR, SCALABLE ENERGY STORAGE SOLUTION  
FOR UTILITY-SCALE APPLICATIONS

PRODUCT DATA	UNITS	ENERGY STORAGE UNIT RSU-4000
Nameplate Energy Capacity	kWh <sub>DC</sub>	4184
Maximum Power	kW <sub>DC</sub>	1300
Maximum DC Current	A	1760
DC PARAMETERS		
Battery Management System		GE Blade Protection Unit (BPU)
Compatible Inverters		GE RIU-2500
Inverter Connections		1
Augmentation Option for Lifecycle Management		Yes
Design Life	Years	20
BATTERY INFORMATION		
Battery Chemistry		Lithium-Ion / NMC
Continuous Discharge Rate; Pulse Discharge Rate	CP	<C/3; <C/3
Voltage Class	V	1500
Nominal DC Voltage	V	1300
Minimum DC Voltage	V	790
MECHANICAL INFORMATION		
Dimensions (L x W x H)	mm	6058 X 2438 X 2890
Package Format		20' High-Cube ISO (Exterior Access)
Fully Integrated HVAC		Dual Self-Contained High Efficiency Units
Fire Suppression		Stat-X (Aerosol)
Installation		Pad / Pier
Cable Entry		Bottom
NEMA Rating / IP Class		NEMA 3R / IP 54
DESIGN CONDITIONS		
Operating Temperature Range	°C	-20 (-40 w/ optional equipment package) to +50
Maximum Altitude	m	2000
Seismic		UBC Zone 4
Audible Noise (at 3m)	dBA	<70
CERTIFICATIONS & COMPLIANCE		
Certifications <sup>†</sup>		UL: 9540, 1973, 1741; UN38.3; CE; EMC
Compliance <sup>†</sup>		NFPA 70; IEEE C37.32; IEC: 62933, 62619, 60204; ASTM4169

<sup>†</sup>As of January 2020. Full list of certifications and compliance standards available upon request.

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