





Group: 902

R4000 DRY SERIES BATTERY

ELECTRICAL SPECIFICATIONS	
Nominal Voltage	6 V
Capacity @ C100	335 Ah
Capacity @ C20	335 Ah
Capacity @ C10	288 Ah
Capacity @ C5	275 Ah
Capacity @ 75A	208 min
Capacity @ 25A	750 min
Energy @ C100	2130 Wh
Internal Resistance	1.72 mΩ
Short Circuit Current	4400 A
Self Discharge	<3% per Month
CHARGE SPECIFICATIONS	
Recommended Charge Current	30 - 67 A
Maximum Charge Current	84 A

MECHANICAL & PHYSICAL SPECIF	FICATIONS		
Dimensions (L x W x H)	11.61 x 7.09 x 14.41" 295 x 180 x 366 mm		
Weight	104.7 lbs (47.5 kg)		
Terminal Type	AP & 3/8" Stud		
Terminal Torque AP	44 - 62 in-lbs (5 - 7 N-m)		
Terminal Torque STUD	120 - 180 in-lbs (14 - 20 N-m)		
Battery Type	VRLA		
Case Material	Polypropolyene		
Handle	Rope with plastic grip		
TEMPERATURE SPECIFICATIONS			
Operation/Storage Temperature Range	-4 - 122 °F (-20 - 50 °C)		
COMPLIANCE SPECIFICATIONS			
Certifications	UL1989		
Shipping Classification	UN 2800, CLASS 8		
36 V System	48 V System		

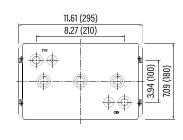
CHARGE VOLTAGES

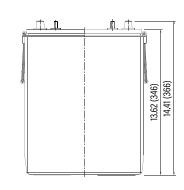
Charge Stage	12 V System	24 V System	36 V System	48 V System
Bulk/Absorption	14.4 V - 14.7 V	28.8 V - 29.4 V	43.2 V - 44.1 V	57.6 V - 58.8 V
Float	13.6 - 13.8 V	27.2 - 27.6 V	40.8 - 41.4 V	54.4 - 55.2 V

CHARGE TEMPERATURE COMPENSATION

Cold Temperature Charging	+2.8 mV/cell/°F	+5 mV/cell/°C
Hot Temperature Charging	-2.8 mV/cell/°F	-5 mV/cell/°C

DIMENSIONAL SPECIFICATIONS





© 2019 Relion Battery, LLC. All rights reserved. Relion Battery is not liable for damages that may result from any information provided in or omitted from this publication, under any circumstances. Relion Battery reserves the right to make adjustments to this publication at any time, without notice or obligation.









Group: 902

PERFORMANCE CHARACTERISTICS

