





Group: 8D

R4000 DRY SERIES BATTERY

ELECTRICAL SPECIFICATIONS	
Nominal Voltage	12 V
Capacity @ C100	276 Ah
Capacity @ C20	260 Ah
Capacity @ C10	253 Ah
Capacity @ C5	215 Ah
Capacity @ 75A	168 min
Capacity @ 25A	610 min
Energy @ C100	3312 Wh
Internal Resistance	$2.5~\text{m}\Omega$
Short Circuit Current	4800 A
Self Discharge	<3% per Month
CHARGE SPECIFICATIONS	
Recommended Charge Current	26 - 52 A
Maximum Charge Current	65 A

MECHANICAL & PHYSICAL SPECIF	ICATIONS
Dimensions (L x W x H)	20.6 x 10.6 x 8.9" 522 x 268 x 226 mm
Weight	160 lbs (72.5 kg)
Terminal Type	M8
Terminal Torque	85 - 95 in-lbs (10 - 11 N-m)
Battery Type	VRLA
Case Material	ABS
Handle	Rope
TEMPERATURE SPECIFICATIONS	
Operation/Storage Temperature Range	-4 - 122 °F (-20 - 50 °C)
COMPLIANCE SPECIFICATIONS	
Certifications	UL1989
Shipping Classification	UN 2800, CLASS 8

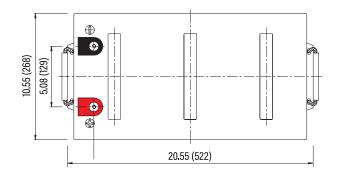
CHARGE VOLTAGES

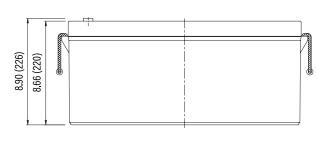
Charge Stage	12 V System	24 V System	36 V System	48 V System
Bulk/Absorption	14.4 V - 14.7 V	28.8 V - 29.4 V	43.2 V - 44.1 V	57.6 V - 58.8 V
Float	13.6 - 13.8 V	27.2 - 27.6 V	40.8 - 41.4 V	54.4 - 55.2 V

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





9868 Harrisburg Road

Fort Mill, SC 29707, US

© 2017 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.



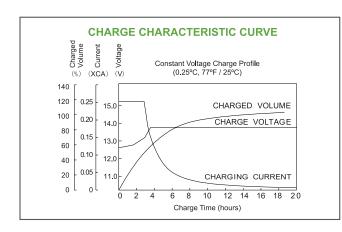


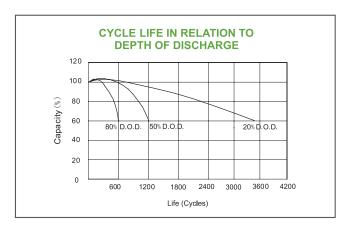


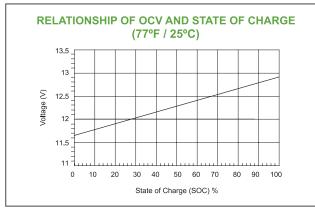


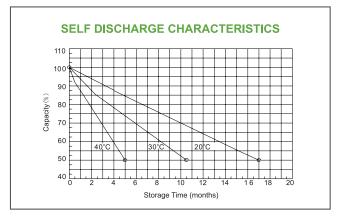
Group: 8D

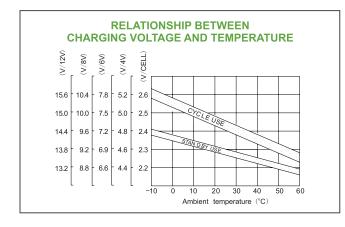
PERFORMANCE CHARACTERISTICS

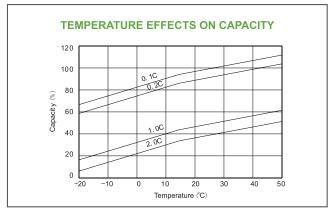


















© 2017 Relion Battery, LLC. All rights reserved. Relion Battery is not liable for damages that may result from any information provided in or omitted from this publication, under any circumstances. Relion Battery reserves the right to make adjustments to this publication at any time, without notice or obligation.