

REV-24-85



Group: 24

R4000 DRY SERIES BATTERY

ELECTRICAL SPECIFICATIONS	
Nominal Voltage	12 V
Capacity @ C100	88 Ah
Capacity @ C20	85 Ah
Capacity @ C10	80 Ah
Capacity @ C5	73 Ah
Capacity @ 75A	42 min
Capacity @ 25A	165 min
Energy @ C100	1056 Wh
Internal Resistance	$5.62~\text{m}\Omega$
Short Circuit Current	2500 A
Self Discharge	<3% per Month
CHARGE SPECIFICATIONS	
Recommended Charge Current	8 - 17 A
Maximum Charge Current	21 A

MECHANICAL & PHYSICAL SPECIF	ICATIONS		
Dimensions (L x W x H)	10.24 x 6.6 x 8.4" 260 x 168 x 214 mm		
Weight	49.2 lbs (22.3 kg)		
Terminal Type	M8		
Terminal Torque	85 - 95 in-lbs (10 - 11 N-m)		
Battery Type	VRLA		
Case Material	ABS		
Handle	Plastic		
TEMPERATURE SPECIFICATIONS			
Operation/Storage Temperature Range	-4 - 122 °F (-20 - 50 °C)		
COMPLIANCE SPECIFICATIONS			
Certifications	UL1989		
Shipping Classification	UN 2800, CLASS 8		

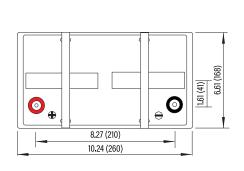
CHARGE VOLTAGES

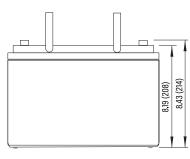
Charge Stage	12 V System	24 V System	36 V System	48 V System
Bulk/Absorption	14.4 V - 14.7 V	28.8 V - 29.4 V	43.2 V - 44.1 V	57.6 V - 58.8 V
Float	13.6 - 13.8 V	27.2 - 27.6 V	40.8 - 41.4 V	54.4 - 55.2 V

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





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PERFORMANCE CHARACTERISTICS

