





Group: 921

# **R4000 DRY SERIES BATTERY**

FLECTRICAL CRECIFICATIONS	
ELECTRICAL SPECIFICATIONS	
Nominal Voltage	12 V
Capacity @ C100	265 Ah
Capacity @ C20	250 Ah
Capacity @ C10	225 Ah
Capacity @ C5	210 Ah
Capacity @ 75A	170 min
Capacity @ 25A	530 min
Energy @ C100	3180 Wh
Internal Resistance	3.9 mΩ
Short Circuit Current	4400 A
Self Discharge	<3% per Month
CHARGE SPECIFICATIONS	
Recommended Charge Current	25 - 50 A
Maximum Charge Current	63 A

MECHANICAL & PHYSICAL SPECIF	ICATIONS	
Dimensions (L x W x H)	15.24 x 7.09 x 14.5"	
Zimonololio (ZX II XII)	387 x 180 x 368 mm	
Weight	147.7 lbs (67 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)	
<b>COMPLIANCE</b> SPECIFICATIONS		
Certifications	UL1989	
Shipping Classification	UN 2800, CLASS 8	

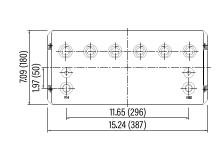
## **CHARGE VOLTAGES**

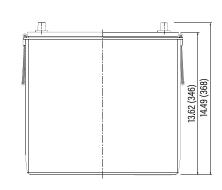
Charge Stage	12 V System	24 V System	36 V System	48 V System
Bulk/Absorption	14.4 V - 14.7 V	28.8 V - 29.4 V	43.2 V - 44.1 V	57.6 V - 58.8 V
Float	13.6 - 13.8 V	27.2 - 27.6 V	40.8 - 41.4 V	54.4 - 55.2 V

#### **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**

