

R4000 DRY SERIES BATTERY

ELECTRICAL SPECIFICATIONS

Nominal Voltage	12 V
Capacity @ C100	36 Ah
Capacity @ C20	35 Ah
Capacity @ C10	33 Ah
Capacity @ C5	30 Ah
Capacity @ 25A	46 min
Energy @ C100	432 Wh
Internal Resistance	11 mΩ
Max Discharge Current (5 seconds)	525 A
Self Discharge	<3% per Month

CHARGE SPECIFICATIONS

Recommended Charge Current	3.5 - 7 A
Maximum Charge Current	9 A

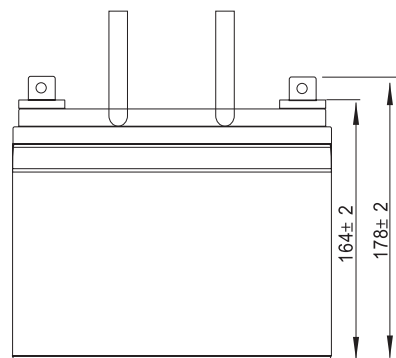
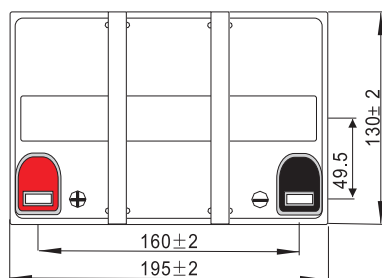
CHARGE VOLTAGES

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



MECHANICAL & PHYSICAL SPECIFICATIONS

Dimensions (L x W x H)	7.68 x 5.12 x 7.01" 195 x 130 x 178 mm
Weight	24.7 lbs (11.2 kg)
Terminal Type	Flag
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)
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COMPLIANCE SPECIFICATIONS

Certifications	UL1989
Shipping Classification	UN 2800, CLASS 8



PERFORMANCE CHARACTERISTICS

