



R4000 DRY SERIES BATTERY

ELECTRICAL SPECIFICATIONS

Nominal Voltage	8 V
Capacity @ C100	180 Ah
Capacity @ C20	170 Ah
Capacity @ C10	156 Ah
Capacity @ C5	144 Ah
Capacity @ 56A	115 min
Capacity @ 25A	361 min
Energy @ C100	1440 Wh
Internal Resistance	2.5 mΩ
Short Circuit Current	4200 A
Self Discharge	<3% per Month

CHARGE SPECIFICATIONS

Recommended Charge Current	17 - 34 A
Maximum Charge Current	44 A

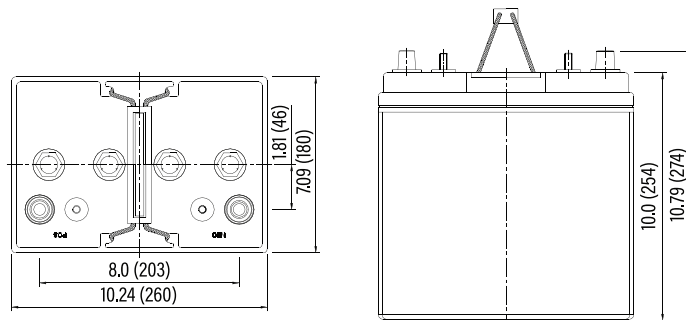
CHARGE VOLTAGES

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)	10.24 x 7.09 x 10.79" 260 x 180 x 274 mm
Weight	70.6 lbs (32 kg)
Terminal Type	AP & 5/16" 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)
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COMPLIANCE SPECIFICATIONS

Certifications	UL1989
Shipping Classification	UN 2800, CLASS 8





PERFORMANCE CHARACTERISTICS

