

# POWER'S V.R.L.A. BATTERY SPECIFICATIONS

SERIES	PRC & TC	PRC & TC	PRC & TC	PRC & TC	PRC & TC	PRC & TC
MODEL NUMBER	1280X	1290X	12100X	12110X	12120X	12150X
OVERALL DIMENSIONS, IN	L 10.20 W 6.67 H 9.66	L 10.20 W 6.67 H 9.86	L 12.00 W 6.68 H 9.71	L 13.54 W 6.76 H 9.78	L 13.54 W 6.76 H 9.78	L 13.54 W 6.76 H 9.78
WEIGHT, LBS	58	60.6	71.9	78.7	81.8	100.1
NOMINAL VOLTAGE, VOLTS	12	12	12	12	12	12
AH CAPACITY AT 77°F	20 HOUR RATE 76	75.8	91	110	109.6	130
8 HOUR RATE	64.8	68.64	82.4	98	96	117.6
DESIGN LIFE	TEN (10) YEARS AT 77°F					
BATTERY TYPE	SEALED, RECOMBINANT, ABSORBED ELECTROLYTE					
PLATE TYPE	LEAD CALCIUM ALLOY GRID, PASTED PLATE					
ELECTROLYTE	1.300 SG SULFURIC ACID					
VENTS (TESTED PER UL 924)	PERMANENTLY SEALED PRESSURE RELEASE SAFETY VENT					
TERMINAL TYPE	"L"-TYPE LEAD	"L"-TYPE LEAD	"L"-TYPE LEAD	"L"-TYPE LEAD	"L"-TYPE LEAD	"L"-TYPE LEAD
HARDWARE (GRADE 18-8 S.S.)	1/4"-20X1"	1/4"-20X1"	1/4"-20X1"	1/4"-20X1 1/4"	1/4"-20X1 1/4"	1/4"-20X1 1/4"
INITIAL TORQUE, IN-LBS.	70	70	70	70	70	70
ANNUAL RETORQUE, IN-LBS.	65	65	65	65	65	65
OPERATING TEMPERATURE RANGE FOR BOTH CHARGE AND DISCHARGE	-40°F TO +140°F					
BATTERY IMPEDANCE IN MILLIOHMS AT 77°F AT FULL CHARGE	5.30	4.30	4.10	3.56	3.30	2.77
MAXIMUM DISCHARGE CURRENT, AMPS (1 MIN. TO 1.50 V.P.C.)	390	500	600	520	700	853.5
SHORT CIRCUIT CURRENT, AMPS	2604	3209	3366	3876	4182	4982
CONSTANT CHARGE VOLTAGE AT 77°F	2.25 TO 2.36 V.P.C. FOR 72 HRS. MAX. AT 2.36 V.P.C.					
FLOAT SVC. CYCLE SVC.	2.25 TO 2.30 V.P.C.					
CHARGE VOLTAGE TEMPERATURE CORRECTION FACTOR	TEMPERATURE CORRECTION FACTOR FOR FLOAT VOLTAGE IS +0.0028 V.P.C. PER °F BELOW 77°F AND -0.0028 PER °F ABOVE 77°F					
SELF DISCHARGE RATE AT 77°F	3% OF NOMINAL CAPACITY PER MONTH ON OPEN CIRCUIT					