

VRZ SERIES—Tubular Gel Batteries

VRZ-1200 (2V1200AH)



Specifications	
Nominal Voltage	2V
Nominal Capacity	1200Ah (8Hr to 1.75 V/cell @ 77°F)
Dimensions	Length 10.8 inches
	Width 8.27 inches
	Height (with Terminal) 26.8 inches
Weight	205.1 lbs.
Container Material	ABS (V0 flame retardant case and cover optional)
Hardware / Torque Rating	M8 / 98–130 in. lbs.
Preferred Operating Temp.	68–77 °F
Operating Temp Range	Discharge: –15~50°C (5~130°F)
	Charge: 0~40°C (32~104°F)
	Storage: –15~40°C (32~104°F)
Internal Resistance	Approx. 0.4mOhms
Max. Discharge Current	9600 (5s)
Float Voltage	2.25V at 77°F
Equalize Voltage	2.35V at 77°F
Max. Charge Current Allowed	240 Amps
Self Discharge	The VRZ series batteries may be stored for up to 6 months at 25°C (77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.

Applications

- Telecommunications
- Utility
- Solar
- Oil and gas
- Railways



Constant Current Discharge (Amperes) at 25°C (77°F)									
F.V/Time	10 min	15 min	30 min	1h	2h	3h	5h	8h	10h
1.85 V/cell	842.5	800.3	690.1	551.1	364.6	282.2	193.6	136.0	115.4
1.80 V/cell	1036.2	969.2	803.4	620.1	400.7	306.9	209.1	145.2	123.6
1.75 V/cell	1225.7	1084.6	857.0	644.8	412	314.2	213.2	147.3	125.7
1.70 V/cell	1376.1	1183.5	906.4	670.5	422.3	320.3	216.3	149.4	126.7
1.65 V/cell	1478.1	1249.4	942.5	689.1	431.6	326.5	220.4	151.4	128.8
1.60 V/cell	1546.0	1293.7	967.2	701.4	436.7	330.6	222.5	152.4	128.8

T11 Terminal

