

VRZ SERIES—Tubular Gel Batteries

VRZ-350 (2V350AH)

Specifications

Nominal Voltage	2V		
Nominal Capacity	350Ah (8Hr to 1.75 V/cell @ 77°F)		
Dimensions	Length	5.17 inches	
	Width	8.11 inches	
	Height (with Terminal)	19.9 inches	
Weight	63.9 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. 0.9mOhms		
Max. Discharge Current	2800 (5s)		
Float Voltage	2.25V at 77°F		
Equalize Voltage	2.35V at 77°F		
Max. Charge Current Allowed	70 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	282.2	260.6	212.2	161.7	108.2	83.4	57.2	39.9	33.8
1.80 V/cell	347.1	315.2	247.2	181.3	118.5	90.7	61.6	42.6	36.1
1.75 V/cell	411.0	353.3	263.7	188.5	122.6	92.8	62.8	43.4	36.7
1.70 V/cell	461.4	385.2	279.1	196.7	125.7	94.7	63.8	44.0	37.1
1.65 V/cell	495.4	406.9	290.5	201.9	127.7	96.4	64.8	44.5	37.4
1.60 V/cell	518.1	421.3	297.7	205.0	129.8	97.5	65.4	44.8	37.7

T11 Terminal

