

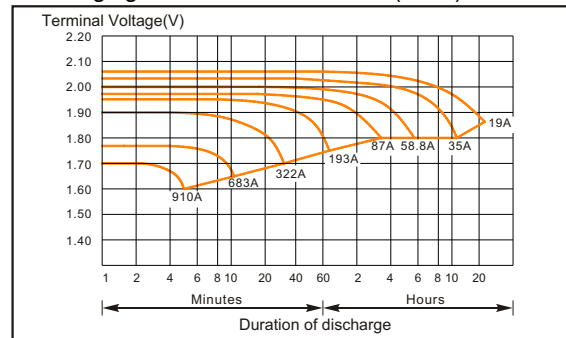
Specifications

Nominal Voltage		2V
Rated Capacity(10 hourrate)		350Ah(25 °C)
Total Height(with terminals)		547mm (21.54 inches)
Dimension	Height	471mm (18.54 inches)
	Length	166mm (6.54 inches)
	Width	206mm (8.11 inches)
Weight		Approx.36Kg (79.37lbs)

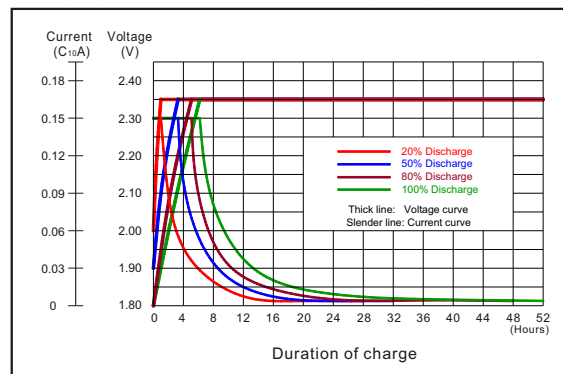
Characteristics

Capacity (25 °C)	20Hr	382Ah
	10Hr	350Ah
	5Hr	308Ah
	1Hr	217Ah
Internal Resistance(Full charged)		0.5 mΩ (25 °C)
Capacity affected by temperature	40 °C	109%
	25 °C	100%
	0 °C	88%
	-15 °C	76%
Self-Discharge (25 °C)	Capacity after 3 month storage	92%
Charging(25 °C)	Cycle	2.35V,53Aor small
	Float	2.23V,53Aor small
Temperature compensation coefficient		-0.003V / °C

Discharging Characteristics Curves (25 °C)



Charging Characteristics Curves (25 °C)



Constant Current Discharge Characteristics Unit: A (25 °C, 77 °F)

F.V/Time	2 Hr	3 Hr	4 Hr	5 Hr	6 Hr	8 Hr	10 Hr	12 Hr	20 Hr	100 Hr	120 Hr
1.80V	117	87.5	71.5	61.5	53.5	43.0	35.0	30.0	19.1	4.20	3.56
1.83V	113	85.0	70.0	60.0	52.5	42.5	34.5	28.9	18.7	4.13	3.47
1.85V	109	82.7	68.0	58.2	51.0	41.5	33.7	28.1	18.3	4.06	3.42
1.87V	106	80.5	66.0	56.5	49.5	40.5	33.0	27.4	18.0	3.99	3.38
1.90V	97.5	75.5	62.5	53.0	47.5	39.0	31.5	26.8	17.5	3.85	3.27

Constant Power Discharge Characteristics Unit: W/cell (25 °C, 77 °F)

F.V/Time	2 Hr	3 Hr	4 Hr	5 Hr	6 Hr	8 Hr	10 Hr	12 Hr	20 Hr	100 Hr	120 Hr
1.80V	226	168	138	120	104	83.9	68.3	58.5	37.3	8.3	7.1
1.83V	214	162	135	117	101	80.9	67.3	56.4	36.5	8.2	6.9
1.85V	205	157	131	113	97.6	77.7	65.8	54.9	35.8	8.0	6.8
1.87V	195	152	127	110	94.2	74.5	64.3	53.4	35.1	7.9	6.7
1.90V	176	141	120	103	89.5	70.0	61.4	52.2	34.1	7.6	6.5

This information is generally descriptive only and is not intended to make or imply any representation, guarantee or warranty with respect to any cells and batteries. Cell and battery designs/specifications are subject to modification without notice. Contact Coslight for the last information.