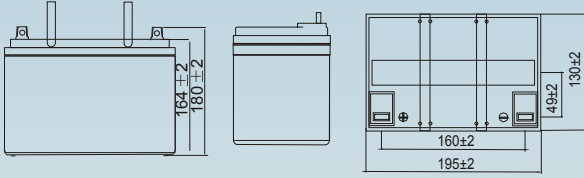
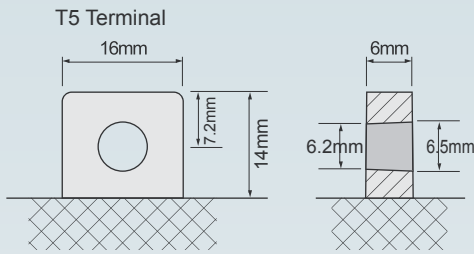


PS Range (VRLA) (5yr Design Life in Float Service at 20°C)

Dimensions (mm)



Standard terminal (mm)



Torque 3.9 ~5.4 Nm

Physical Specification

Nominal Voltage		12V
Nominal Capacity (20HR)		35.0 AH
Dimension	Length	195 ± 2 mm
	Width	130 ± 2 mm
	Container Height	164 ± 2 mm
	Total Height (with terminal)	180 ± 2 mm
Weight		Approx 11.2kg
Standard Terminal		T5

PS-12350 12V 35AH



Discharge Characteristics (25°C, 77°F)

Rated Capacity	20hRate(1.80V/cell)	35.00AH	Cycle	Initial Charging Current Less than 8.75A Voltage 14.40V ~ 15.0V at 25°C (77°F)
	10hRate(1.80V/cell)	32.60AH		
Capacity Affected by Temperature	5hRate(1.75V/cell)	29.75AH	Constant Voltage Charge	Standby Recommended Charge Current less than 8.75A Voltage 13.5V ~ 13.8V at 25°C (77°F)
	3hRate(1.75V/cell)	26.79AH		
	1hRate(1.60V/cell)	22.00AH		
	40°C (104°F)	103%		
	25°C (77°F)	100%		
	0°C (32°F)	86%		

Internal Resistance mΩ

11.0 mΩ

Constant Current Discharge (Amperes) at 25 °C (77°F)

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	66.7	51.2	42.4	36.7	28.3	20.9	17.6	10.4	8.14	6.62	5.40	4.69	3.78	3.16	1.73
1.80V/cell	89.5	65.4	51.2	43.3	33.4	24.3	19.7	11.4	8.76	7.07	5.80	5.03	4.01	3.26	1.75
1.75V/cell	100.9	71.9	56.0	46.6	34.7	25.2	20.6	11.8	8.93	7.23	5.95	5.16	4.08	3.34	1.77
1.70V/cell	111.1	78.3	59.7	49.0	36.1	26.2	21.3	12.1	9.17	7.42	6.10	5.27	4.13	3.41	1.80
1.65V/cell	122.5	84.5	63.5	52.0	38.1	26.9	21.8	12.3	9.57	7.68	6.27	5.39	4.20	3.48	1.82
1.60V/cell	135.1	91.8	67.9	55.4	40.3	28.0	22.0	12.8	9.86	7.92	6.48	5.50	4.24	3.52	1.83

Constant Power Discharge (Watts/cell) at 25°C (77°F)

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	121.9	94.5	79.1	69.1	54.0	40.1	34.0	20.2	15.9	12.9	10.6	9.21	7.46	6.25	3.43
1.80V/cell	161.8	119.4	94.3	80.5	62.8	46.3	37.8	21.9	17.0	13.7	11.3	9.84	7.89	6.43	3.46
1.75V/cell	178.6	129.1	101.7	85.8	64.6	47.6	39.4	22.6	17.2	14.0	11.6	10.1	8.01	6.60	3.49
1.70V/cell	191.2	137.5	107.1	89.4	66.9	49.3	40.5	23.2	17.7	14.4	11.8	10.3	8.11	6.72	3.55
1.65V/cell	207.9	147.0	113.0	94.3	70.0	50.1	41.1	23.4	18.4	14.8	12.1	10.5	8.22	6.85	3.60
1.60V/cell	224.0	156.0	118.9	99.4	73.4	51.9	41.3	24.2	18.8	15.2	12.5	10.7	8.28	6.91	3.61



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