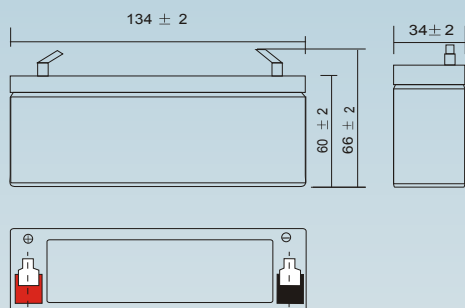


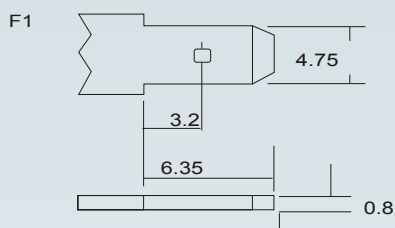
PS Range

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

Dimensions (mm)



Standard terminal (mm)



Physical Specification

Nominal Voltage		6V
Nominal Capacity (20HR)		3.4 AH
Dimension	Length	134 ± 2 mm
	Width	34 ± 2 mm
	Container Height	60 ± 2 mm
	Total Height (with terminal)	66 ± 2 mm
Weight		Approx 0.67kg
Standard Terminal		F1

PS-630ST 6V 3.4AH



Discharge Characteristics (25°C, 77°F)

Rated Capacity	20hr Rate(1.80V/cell) 10hr Rate(1.80V/cell) 8hr Rate(1.75V/cell) 5hr Rate(1.75V/cell) 1hr Rate(1.60V/cell)	3.40AH 3.25AH 3.17AH 2.93AH 2.21AH	Constant Voltage Charge	Cycle	Initial Charging Current Less than 0.85A Voltage 7.20V ~ 7.50V at 25°C (77°F)
Capacity Affected by Temperature	40°C (104°F) 25°C (77°F) 0°C (32°F)	103% 100% 86%			Recommended Charge Current less than 0.85A Voltage 6.75V ~ 6.90V at 25°C (77°F)

Internal Resistance mΩ

28.0 mΩ

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

F.V/Time	5MIN	10MIN	15MIN	20MIN	30MIN	45MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR	20HR
1.60V	13.10	8.91	6.60	5.39	3.91	2.72	2.21	1.26	0.96	0.77	0.629	0.534	0.412	0.342	
1.67V	11.30	7.96	5.99	4.95	3.63	2.58	2.11	1.21	0.91	0.73	0.599	0.517	0.405	0.335	
1.70V	10.80	7.61	5.80	4.76	3.51	2.55	2.07	1.19	0.89	0.72	0.593	0.512	0.402	0.331	
1.75V	9.80	6.98	5.44	4.53	3.37	2.45	2.00	1.14	0.87	0.70	0.585	0.502	0.396	0.328	0.172
1.80V	8.69	6.35	4.98	4.21	3.25	2.36	1.92	1.10	0.85	0.69	0.563	0.488	0.389	0.325	0.170
1.85V	6.47	4.97	4.12	3.56	2.75	2.03	1.71	1.01	0.79	0.64	0.525	0.455	0.367	0.307	0.168

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

F.V/Time	5MIN	10MIN	15MIN	20MIN	30MIN	45MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR	20HR
1.60V	21.77	15.17	11.53	9.67	7.13	5.03	4.17	2.40	1.83	1.48	1.21	1.04	0.80	0.67	0.00
1.67V	19.33	13.90	10.70	9.00	6.70	4.83	4.00	2.31	1.75	1.41	1.16	1.01	0.79	0.66	0.00
1.70V	18.57	13.37	10.40	8.70	6.50	4.80	3.93	2.28	1.72	1.39	1.15	1.00	0.79	0.65	0.00
1.75V	17.33	12.53	9.90	8.33	6.27	4.63	3.83	2.20	1.67	1.36	1.14	0.98	0.78	0.65	0.34
1.80V	15.73	11.60	9.17	7.83	6.10	4.50	3.67	2.13	1.65	1.34	1.10	0.96	0.77	0.64	0.34
1.85V	11.83	9.20	7.70	6.70	5.23	3.90	3.30	1.96	1.54	1.26	1.03	0.90	0.72	0.61	0.33



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