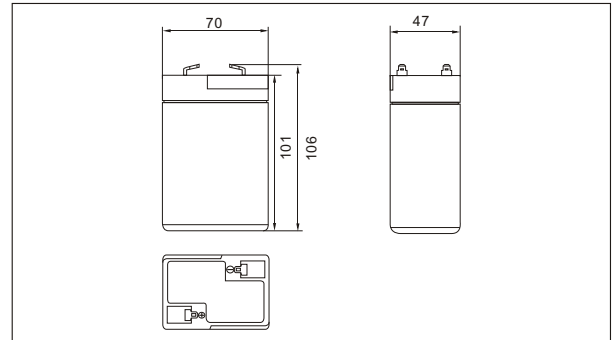




# SW635(6V3.5AH)



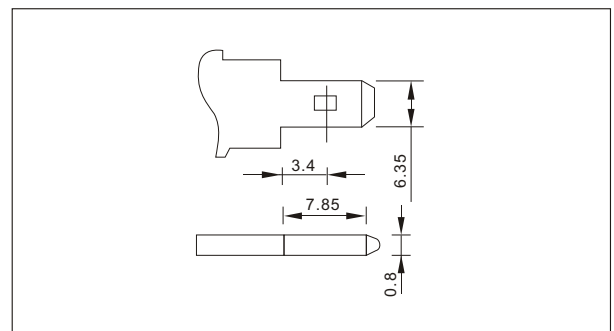
### Outer dimensions (mm)



### Specifications

Nominal Voltage	6 V	
Rated capacity (20 hour rate)	3.5 Ah	
Dimensions	Total Height	106 mm(4.17 inches)
	Height	101 mm(3.98 inches)
	Length	70 mm(2.76 inches)
	Width	47 mm(1.85 inches)
Weight Approx	0.63Kg(1.39 lbs)	

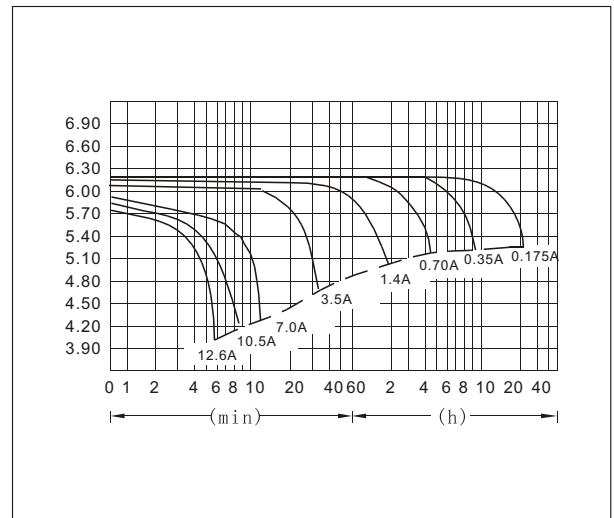
### Terminal Type (mm)



### Characteristics

Capacity 25°C(77°F)	20 hour rate(0.18A)	3.50 AH
	10 hour rate(0.32A)	3.22 AH
	5 hour rate(0.60A)	2.98 AH
	1 hour rate(2.10A)	2.10 AH
	1.5 hour discharge to 5.25 V	1.5A
Internal Resistance	Full charged Battery at 25°C(77°F)	30 mΩ
Capacity affected by Temperature (20hour rate)	40°C(104°F)	102%
	25°C(77°F)	100%
	0°C(32°F)	85%
	-15°C(5°F)	65%
Self-Discharge at 25°C(77°F)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
Terminal	T0	
Charge (constant Voltage)	Cycle	Initial Charging Current less than 1.4A Voltage 7.20-7.35V
	Float	Voltage 6.75-6.90V

### Discharge Curves 25°C(77°F)



Constant Current(Amp) and Constant Power(Watt) Discharge Table at 25°C(77°F)

Time		5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
4.80V	A	12.6	8.3	6.1	4.0	2.1	1.23	0.90	0.72	0.61	0.41	0.33	0.18
	W	65	44	33	21.7	11.4	6.7	5.02	4.07	3.49	2.33	1.91	1.05
5.10V	A	11.6	7.9	5.6	3.8	2.0	1.18	0.88	0.70	0.60	0.40	0.33	0.18
	W	62	44	32	21.4	11.2	6.8	5.07	4.07	3.51	2.33	1.91	1.04
5.25V	A	10.5	7.4	5.3	3.7	1.9	1.15	0.86	0.67	0.60	0.39	0.32	0.18
	W	58	42	30	21.3	11.0	6.7	5.01	3.89	3.49	2.32	1.90	1.04
5.40V	A	10.1	7.1	4.9	3.6	1.8	1.12	0.85	0.65	0.57	0.38	0.31	0.17
	W	57	41	28	20.9	10.7	6.6	4.99	3.86	3.36	2.28	1.87	1.01
5.55V	A	9.3	6.7	4.6	3.5	1.8	1.09	0.80	0.64	0.54	0.37	0.31	0.17
	W	53	39	26	20.5	10.4	6.5	4.76	3.82	3.24	2.24	1.85	1.01