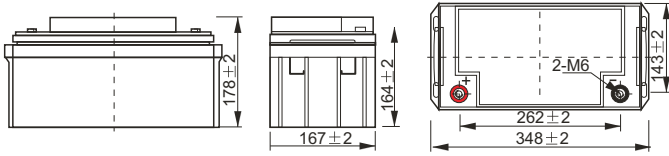
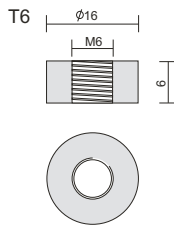




Dimensions (mm)



Standard Terminal (mm)



Physical Specification

Nominal Voltage		12V
Nominal Capacity (20HR)		70AH
Dimension	Length	348 ± 2mm
	Width	167 ± 2mm
	Container Height	178 ± 2mm
	Total Height (with Terminal)	178 ± 2mm
Weight		Approx 22.2Kg
Standard Terminal		T6

Electrical Specification

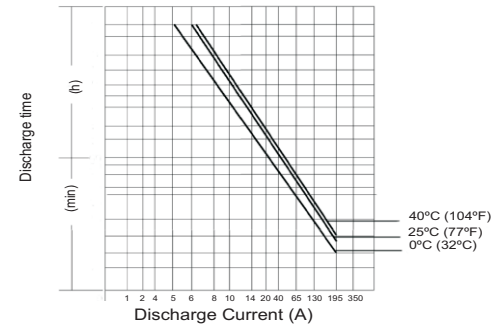
Rated Capacity	20 hour rate (3.53A)	70.6AH	Constant-Voltage	Cycle	Initial Charging Current less than 19.5A. Voltage 14.4V- 15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C
	10 hour rate (6.5A)	65AH			
	5 hour rate (11.2A)	56AH			
	1 hour rate (16.9A)	50.7AH			
Capacity affected by Temperature	40°C (104°F)	103%	Charge	Standby	No limit on Initial Charging Current Voltage 13.5V-13.8V at 25°C(77°F) Temp. Coefficient - 20mV/°C
	25°C (77°F)	100%			
	0°C (32°F)	86%			

PS-12700 12V 70AH

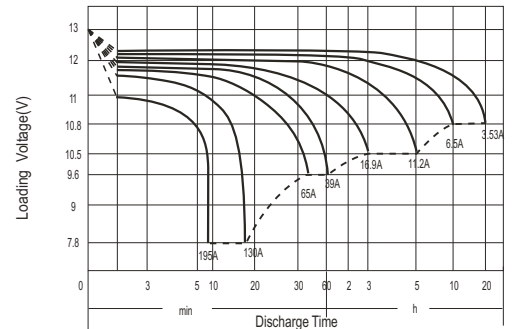


Flame retardant V-O Case & Cover

Discharging Current & Discharge Duration Time



Discharge Characteristics (25°C ,77°C)



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

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	225.5	156.8	119.2	70.2	39.7	24.4	18.7	15.1	12.2	8.06	6.84	3.54
1.67V	194.4	140.0	108.1	65.1	37.8	23.4	17.8	14.3	11.6	7.92	6.70	3.51
1.70V	185.4	133.8	104.8	63.0	37.0	23.0	17.4	14.1	11.5	7.88	6.63	3.48
1.75V	168.4	122.8	98.2	60.6	36.6	22.1	16.6	13.5	11.3	7.84	6.56	3.41
1.80V	149.3	111.8	89.9	58.3	34.3	21.3	16.0	13.2	10.9	7.62	6.50	3.38
1.85V	111.2	87.5	74.4	49.4	30.6	19.5	15.4	12.6	10.2	7.18	6.14	3.35

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

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	2242.8	1599.3	1251.2	768.0	447.3	277.7	214.1	173.7	141.0	94.4	80.6	41.9
1.67V	1993.8	1468.2	1158.6	720.5	430.0	267.7	205.1	166.0	134.9	93.1	79.2	41.6
1.70V	1914.8	1409.8	1127.4	700.2	423.1	264.2	201.0	163.9	133.7	92.7	78.5	41.2
1.75V	1788.5	1323.4	1070.9	676.5	419.3	254.8	192.5	156.8	132.4	92.4	77.7	40.5
1.80V	1620.7	1224.0	992.6	657.0	395.2	246.5	185.5	153.5	127.7	90.0	77.1	40.1
1.85V	1220.4	969.4	832.8	565.5	355.7	227.4	180.4	147.8	119.5	85.1	72.9	39.8



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