



Constant Power Discharge Characteristics (25°C) [Watt]

Cut Off V	Time										
	5 min.	10 min.	15 min.	30 min.	1 hour	2 hours	3 hours	4 hours	5 hours	10 hours	20 hours
11.1	218	154	118	66.9	35.7	18.8	15.2	12.1	10.4	6.05	3.18
10.8	237	166	127	70.3	37.6	20.3	16.3	12.9	11.2	6.53	3.43
10.5	249	175	131	72.7	38.8	21.2	17.1	13.6	11.7	6.89	3.62
10.2	261	181	135	75.1	40.2	21.9	17.8	14.0	11.9	7.02	3.69
10.0	266	184	137	75.9	40.9	22.3	18.1	14.2	12.0	7.08	3.72
9.90	273	188	139	76.8	41.5	22.8	18.4	14.4	12.1	7.14	3.75
9.60	282	194	142	77.5	42.4	23.5	18.9	14.7	12.3	7.23	3.80

### SPECIFICATION

<b>Nominal Voltage (V)</b>	12V
<b>Nominal Capacity</b>	
20 hours rate	5Ah
10 hours rate	4.75Ah
5 hours rate	4.25Ah
1C	2.83Ah
3C	2.0Ah
<b>Weight</b>	1.9kg
<b>Internal Resistance</b>	19mΩ@1kHz
<b>Maximum Discharge Current for</b>	
30 sec.	-
5 sec.	75A
<b>Operating Temperature Range</b>	
Charge	0°C ÷ 40°C
Discharge	-15°C ÷ 50°C
Storage	-15°C ÷ 40°C
<b>Charge Retention (shelf life) at 20°C</b>	
1 month	92%
3 month	90%
6 month	80%
<b>Charging Methods at 20°C</b>	
Cycle use:	
Charging Voltage	14.4 ÷ 15.0V
Max. Charging Current	1.5A
Standby use	
Float Charging Voltage	13.5 ÷ 13.8V
<b>Life expectancy</b>	
<b>Cycle Use</b>	
100% depth of discharge	200 cycles
80% depth of discharge	225 cycles
50% depth of discharge	500 cycles
<b>Standby Use</b>	10 years
<b>Case Material</b>	ABS
<b>Terminal</b>	F2