



SPECIFICATION

Nominal Voltage (V)	12V
Nominal Capacity	
20 hour rate	12.0Ah
10 hour rate	11.4Ah
5 hour rate	10.2Ah
1C	6.4Ah
3C	4.2Ah
Weight	3.75kg
Internal Resistance	13mΩ @ 1kHz
Maximum Discharge Current for	
5 sec.	180A
Operating Temperature Range	
Charge	0°C ÷ 40°C
Discharge	-15°C ÷ 50°C
Storage	-15°C ÷ 40°C
Charge Retention (shelf life) at 20°C	
1 month	92%
3 month	90%
6 month	80%
Charging Methods at 20°C	
Max. Charging Current	3.6A
Cycle use:	
Charging Voltage	14.4 ÷ 15.0V
Thermal Coefficient	-5.0mV/°C/cell
Standby use:	
Float Charging Voltage	13.50 ÷ 13.80V
Thermal Coefficient	-3.0mV/°C/cell
Life expectancy	
Cycle Use	
100% depth of discharge	200 cycles
80% depth of discharge	225 cycles
50% depth of discharge	500 cycles
Standby Use	10 years
Case Material	ABS
Terminal	F2 (Faston Tab 250)

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	405	288	232	133	94.7	51.8	33.9	28.7	23.7	14.0	7.16
10.8	451	315	246	142	98	53.5	35.2	29.3	24.5	14.4	7.25
10.5	485	329	255	148	100	54.3	36.3	29.8	25.1	14.6	7.48
10.2	520	344	264	152	102	54.9	37.2	30.4	25.8	14.8	7.59
10.0	536	349	267	154	103	55.1	37.6	30.7	26	14.9	7.68
9.90	552	357	272	156	104	55.4	38.1	31.2	26.3	15.0	7.77
9.60	582	366	279	158	105	55.9	38.5	31.6	26.9	15.1	7.94

Due to continual product improvement, the design and specifications are subject to change without prior notice.