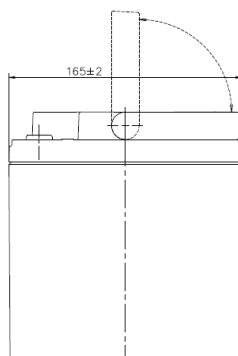
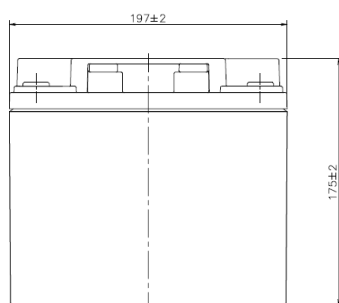
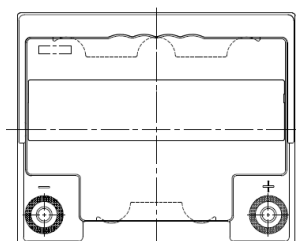


閥調式鉛酸蓄電池(VRLA) Valve Regulated Lead Acid Battery

REC50-12 I

尺寸 DIMENSION



規範 Specification

公稱電壓 Nominal Voltage : 12V

尺寸 Dimension

長度 Length : 197±2mm

寬度 Width : 165±2mm

高度 Case Height : 175±2mm

總高 Overall Height : 175±2mm

重量 Weight (約 Approx.) : 15.3 kg

公稱容量 Nominal Capacity : 50AH / 20HR (25°C)

內部電阻 Internal Resistance(Approx.) : 約 5.7 mΩ

最大充電電流 Max. Charge current : 12.5A

5 秒最大放電電流

Max. Discharge current in 5 seconds : 300A

浮動充電 Float Charging : 13.65±0.15V (25°C)

循環充電 Cycle Charging : 14.4~15.0V (25°C)

端子 Terminal :

極柱端子 Top terminal : 螺絲式 Bolt (M5)

操作溫度範圍 Operating Temperature Range

放電 Discharging -15°C to 45°C

充電 Charging -15°C to 45°C

放置 Storage -15°C to 45°C

期待循環壽命 Expected Cycle life (25°C) : 50% DOD 600 Cycle

容易保養 Easy Maintenance

不會洩漏電解液 No electrolyte leakage

確保操作上安全性 Ensure safe and efficient operation

電槽材質 Container Material :

難燃等級 UL94HB Flame class : UL94HB

用途 Applications :

UPS 不斷電系統、電信、緊急照明、警報系統、儀器、太陽能發電系統
 UPS(Uninterruptible Power Supply)、Telecommunications、Emergency
 lighting、Alarm systems、Instrumentation、Solar powered systems

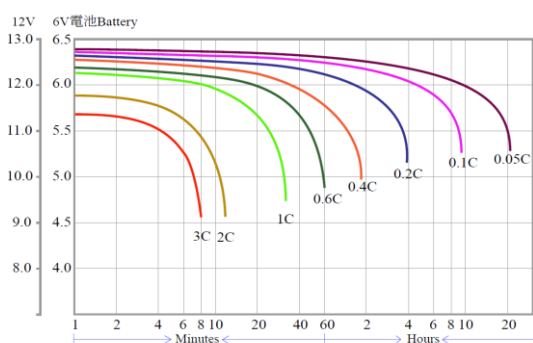
性能規格 PERFORMANCE SPECIFICATION : 安培 Amperes and 瓦特 Watts at 25 °C (77 °F)

TIME		5M	10M	15M	20M	30M	45M	1H	2H	3H	4H	5H	10H	20H
F.V.	W	1588	1166	927	763	573	423	337	194.1	137.6	110.1	93.5	49.9	27.3
	A	144	101	80.0	65.0	49.1	36.1	28.7	16.29	11.47	9.17	7.80	4.14	2.49
10.80V	W	1699	1222	958	785	587	432	344	196.4	138.8	111.0	94.3	50.2	27.4
	A	154	108	83.0	68.0	50.6	37.0	29.2	16.51	11.59	9.27	7.88	4.18	2.50
10.50V	W	1811	1270	980	800	596	437	346	197.6	139.6	111.6	94.9	50.5	27.5
	A	167	114	85.0	69.0	51.4	37.4	29.4	16.57	11.62	9.29	7.90	4.19	2.51
10.20V	W	1846	1288	987	804	598	438	346	197.8	139.7	111.7	95.0	50.6	27.6
	A	171	115	85.8	69.5	51.6	37.5	29.5	16.59	11.63	9.30	7.91	4.20	2.51
10.02V	W	1943	1340	1008	818	606	441	347	198.4	140.1	112.1	95.2	50.7	27.7
	A	183	121	88.0	71.0	52.5	37.9	29.6	16.65	11.67	9.34	7.94	4.21	2.52

特性 Characteristics

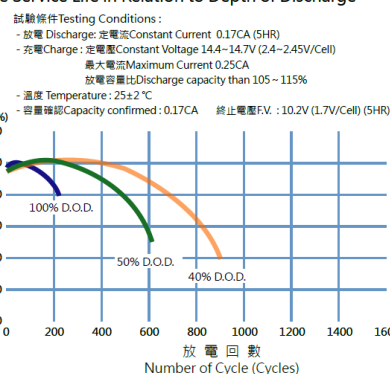
放電特性 DISCHARGE CHARACTERISTICS

放電曲線 Discharge Characteristics Curves at 25°C

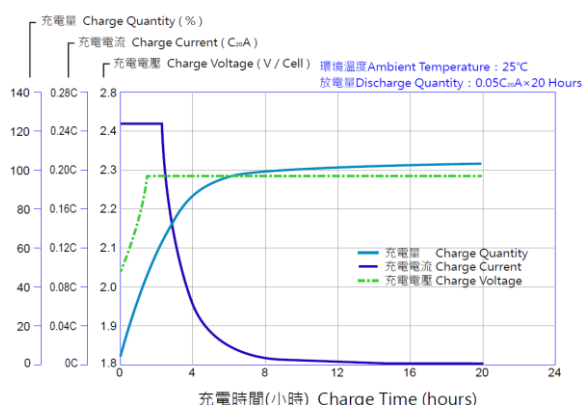


循環壽命特性 CYCLE LIFE CHARACTERISTICS

放電深度與循環壽命關係圖
Cycle Service Life in Relation to Depth of Discharge



充電特性 CHARGE CHARACTERISTICS



充電電壓 CHARGE VOLTAGE

溫度與充電電壓關係
Relationship Between Temperature and Charge Voltage

