



# RUM series RUM 6290



## Valve Regulated Lead Acid Battery

Maintenance-Free Sealed Lead Acid Battery.  
Absorbent Glass Mat (AGM) technology for efficient gas recombination of up to 99%.

## Design for Standby Power Applications

### 【Design Life】

Up to 5 Years in Standby Service at 25°C  
Eurobat (20°C) : 3-5 years, Standard Commercial

### 【Operating Temperature Range】

Nominal Operating Temperature : 25°C (77°F)  
Discharge : -15°C ~ 50°C (5°F~122°F)  
Charge: -15°C ~ 40°C (5°F~104°F)  
Storage: -15°C ~ 40°C (5°F~104°F)

### 【Float Charging Voltage】

6.75 ~ 6.90 VDC/Unit at 25°C (77°F)

### 【Equalization Charging Voltage】

7.2 ~ 7.5 VDC/Unit at 25°C (77°F)

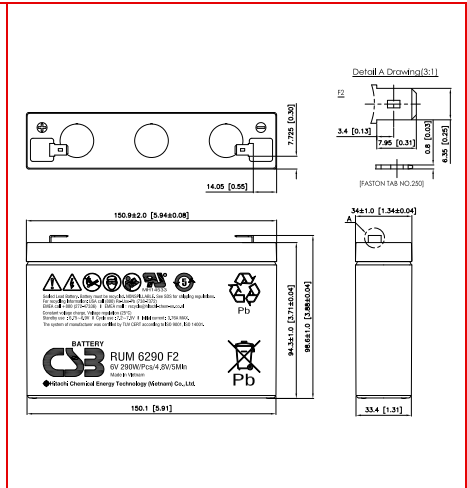
### 【Self Discharge】

Less than 10% after 90 days, can be stored up to 6 months at 25°C (77°F);  
Fully recharging is required before usage, and charged sooner if stored at higher temperature than 25°C (77°F).

## Specification

Design according with IEC 61056-1/2:2012

Nominal Voltage	6V (3 cells per unit)		
Nominal Capacity	290W @5min-rate to 4.80V per PCS @25°C (77°F)		
Weight	Approx. 1.46 Kg (3.22 lbs)		
Maximum Discharge Current	130 A (5sec)		
Internal Resistance	Approx. 6.00 mΩ		
Short Circuit Current	448A		
Maximum Charge Current	4.8 A		
Terminal type	F2 terminal -Faston Tab 250		
Terminal tightening torque	--		
Container Material	ABS (UL 94-HB) & Flame Retardant (94-V0) available upon request		
Dimensions	Length (L)	150.9±2.0 mm	5.94±0.08 inch
	Width (W)	34.0±1.0 mm	1.34±0.04 inch
	Container Height (h)	94.3±1.0 mm	3.71±0.04 inch
	Overall Height (H)	98.6±1.0 mm	3.88±0.04 inch



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

F.V/Time	2MIN	4MIN	5MIN	6MIN	8MIN	10MIN	15MIN	20MIN	30MIN	45MIN	60MIN	90MIN
1.60V	95.1	63.4	54.1	47.2	38.5	32.3	23.0	18.3	13.2	9.42	7.42	5.31
1.67V	85.3	60.2	51.7	45.6	37.6	31.7	22.7	18.1	13.0	9.30	7.33	5.20
1.70V	81.1	58.4	50.4	44.6	37.1	31.3	22.7	18.0	12.9	9.20	7.24	5.17
1.75V	73.6	53.7	47.2	42.2	35.6	30.1	22.1	17.5	12.7	9.05	7.11	5.03
1.80V	66.1	48.8	43.2	39.3	33.2	28.4	21.1	16.9	12.4	8.82	6.92	4.91
1.85V	59.4	43.5	39.3	36.3	30.3	26.1	19.6	15.8	11.7	8.38	6.61	4.70

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

F.V/Time	2MIN	4MIN	5MIN	6MIN	8MIN	10MIN	15MIN	20MIN	30MIN	45MIN	60MIN	90MIN
1.60V	454	332	290	258	214	181	131	104	75.0	54.0	42.1	29.7
1.67V	439	322	283	252	210	178	130	103	74.5	53.3	42.0	29.5
1.70V	430	315	278	250	207	177	129	102	74.3	53.1	41.8	29.4
1.75V	404	301	269	241	201	172	127	101	74.0	52.5	41.6	29.2
1.80V	375	284	253	229	192	165	123	98.5	72.5	51.8	40.9	28.8
1.85V	337	257	232	212	176	153	115	93.0	69.0	49.8	39.5	27.8

Please refer to the official site for the latest rating confirmation. URL: [www.csb-battery.com](http://www.csb-battery.com)

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Recognized under UL 1989,  
and certified by ISO 9001, 14001.

