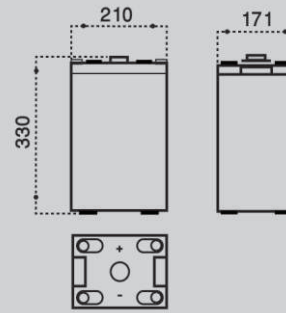


# 2 SB 420 (2V 420Ah)



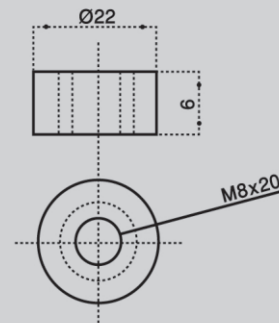
## Outer Dimensions (mm)



## Specifications

Nominal Voltage		2 V
Rated Capacity ( 10 Hour Rate )		420 Ah
Dimensions	Total Height	365 mm
	Height	330 mm
	Length	210 mm
	Width	171 mm
Weight Approx (±2.5%)		28 Kg

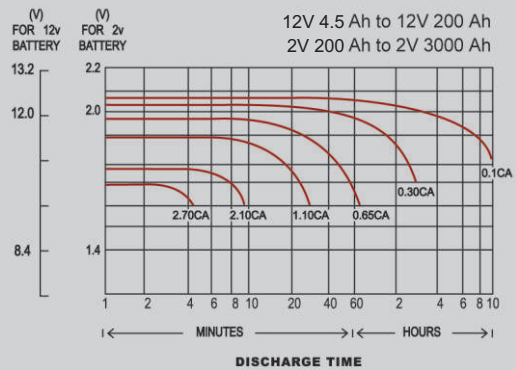
## Terminal Type (mm)



## Characteristics

Capacity 25°C (77°F)	10 hour-rate 3 hour-rate 1 hour-rate	420 Ah 315 Ah 231 Ah
Internal Resistance	Full Charge Battery at 25°C (77°F)	0.5 mΩ
Capacity Affected by Temperature (10 Hour Rate)	35°C 25°C 0°C -10°C	445 Ah 420 Ah 357 Ah 315 Ah
Self-Discharge at 25°C (77°F)	Capacity After The 3 Month of Storage Capacity After The 6 Month of Storage Capacity After The 12 Month of Storage	91 % 82 % 64 %
Charge Constant Voltage	Cycle	Voltage 2.40-2.45 / Cell
	Float	Voltage 2.23-2.25 / Cell

## Discharge Curves 25°C (77°F)



## Discharge and Final Voltage Table According to IEC60896-21 Standard

Discharge time	0.25 h	1 h	3 h	5 h	8 h	10 h
Final voltage	1.60 VPC	1.60 VPC	1.70 VPC	1.73 VPC	1.75 VPC	1.80 VPC

## Constant Current Discharge Table at 25°C (77°F) Based on IEC60896-21 Standard

Amount of Current (A)	Discharge Time							
	30 m	1 h	2 h	3 h	5 h	8 h	10 h	20 h
	385	251	153	109	74	53	42	21

## Constant Current Discharge Table at 25°C (77°F) Based on Final Voltage 1.80 V/Cell

Amount of Current (A)	Discharge Time							
	30 m	1 h	2 h	3 h	5 h	8 h	10 h	20 h
	357	231	142	105	73	50	42	22