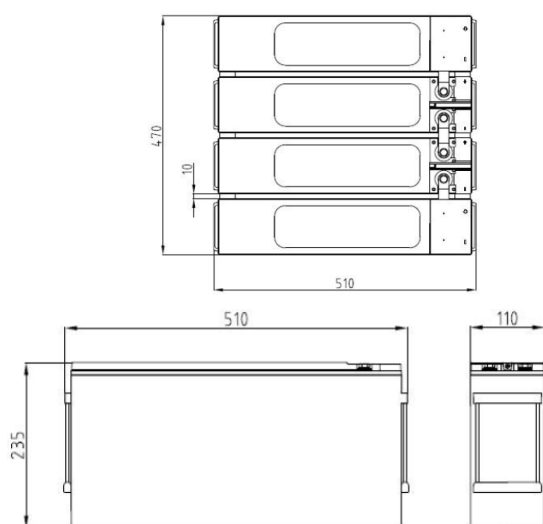


FEATURES & BENEFITS

- Non-spillable maintenance free product
- High Quality and High Reliability
- Wide range of operating temperature
- Fast and easy installation
- Low self discharge
- Compact design with high energy density
- Female M8 brass terminals
- Advanced terminal design to ensure leak-free operation
- UL94-V0 flame retardant ABS container and lid
- Non-hazardous cargo for sea/rail/road transportation
- Fully recyclable product



SPECIFICATIONS

Nominal Voltage	12 V	
Number of cells	6	
Design Life (20°C)	12+ years	
Dimensions	Length	510 mm
	Width	110 mm
	Height	235 mm
Weight	34.5 kg	
Internal Resistance	5.8 mOhm	
Nominal Capacity	C10 (1.80 Vpc/20°C)	105.0 Ah
	C8 (1.75 Vpc/20°C)	101.6 Ah
Short Circuit Current	2140 A	
Self Discharge	Less than 2% per month at 20°C	
Operating Temperature	Maximum	-20°C to +60°C
	Recommended	+15°C to +25°C
	Storage	-15°C to +40°C
Int. Gas Recombination Efficiency	More than 99%	
Float Charge Voltage	2.27 Vpc at 20°C	
Temperature compensation	-3mV/cell/°C	
Boost Charge Voltage	2.40 Vpc at 20°C	
Temperature compensation	-4mV/cell/°C	
Charging current limit	0.1 - 0.25 C10 (A)	
	Recommended: 0.20 C10 (A)	
Grid Alloy	Lead-Calcium-Tin alloy	
Terminal Torque	7 Nm	

Certified Quality

- "Very Long Life" according to EUROBAT classification (12+ years design life)
- Tested according to IEC 60896-21 and compliant to IEC 60896-22 requirements for valve regulated batteries
- Compliant to the safety requirements of IEC 62485-2 for stationary batteries

PERFORMANCE DATA

Discharge Constant Current at 20°C (Amperes)

End Voltage (V/cell)	5 min	15 min	30 min	1 h	2 h	3 h	4 h	5 h	6 h	8 h	10 h	20 h
1.60V	266	151	108	65.9	38.4	28.1	22.4	18.8	16.2	13.0	10.8	5.79
1.65V	262	151	108	65.6	38.2	28.0	22.3	18.7	16.2	12.9	10.8	5.75
1.70V	257	150	107	65.3	38.0	27.9	22.2	18.6	16.1	12.8	10.7	5.73
1.75V	255	149	106	64.7	37.6	27.6	22.0	18.5	15.9	12.7	10.6	5.67
1.80V	252	147	105	64.1	37.3	27.3	21.8	18.3	15.8	12.6	10.5	5.62
1.85V	246	143	102	62.5	36.3	26.6	21.3	17.8	15.4	12.3	10.2	5.48

Discharge Constant Power at 20°C (Watts/Cell)

End Voltage (V/cell)	5 min	15 min	30 min	1 h	2 h	3 h	4 h	5 h	6 h	8 h	10 h	20 h
1.60V	532	302	216	131.9	76.8	56.2	44.9	37.6	32.4	26.0	21.6	11.57
1.65V	517	302	215	131.3	76.4	56.0	44.7	37.5	32.3	25.8	21.5	11.51
1.70V	513	300	214	130.6	76.0	55.4	44.5	37.3	32.1	25.7	21.4	11.46
1.75V	509	297	212	129.4	75.3	54.9	44.0	36.9	31.8	25.3	21.2	11.34
1.80V	504	294	210	128.1	74.6	54.6	43.6	36.5	31.5	25.2	21.0	11.24
1.85V	491	286	205	125.0	72.7	53.2	42.5	35.6	30.7	24.6	20.48	10.95

Note: The above characteristics data can be obtained within three charge/discharge cycles.