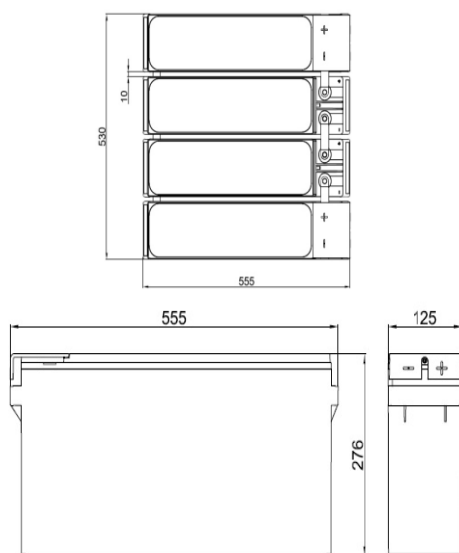


FEATURES & BENEFITS

- 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	555 mm
	Width	125 mm
	Height	276 mm
Weight	50.8 kg	
Internal Resistance	4.4 mOhm	
Nominal Capacity	C10 (1.80 Vpc/20°C)	155.0 Ah
	C8 (1.75 Vpc/20°C)	150.4 Ah
Short Circuit Current	2850 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	393	223	160	97.3	56.7	41.5	33.1	27.8	23.9	19.2	16.0	8.54
1.65V	386	223	159	96.9	56.4	41.3	33.0	27.7	23.8	19.1	15.9	8.49
1.70V	380	221	158	96.4	56.1	41.1	32.8	27.5	23.7	19.0	15.8	8.46
1.75V	376	219	157	95.5	55.6	40.7	32.5	27.2	23.5	18.8	15.7	8.37
1.80V	372	217	155	94.6	55.0	40.3	32.2	27.0	23.3	18.6	15.5	8.29
1.85V	363	211	151	92.2	53.6	39.3	31.4	26.3	22.7	18.1	15.1	8.08

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	785	446	319	194	113	83.0	66.3	55.6	47.9	38.3	31.9	17.1
1.65V	763	445	318	193	112	82.7	66.0	55.3	47.7	38.1	31.8	16.9
1.70V	757	443	316	192	112	81.8	65.7	55.0	47.4	37.9	31.6	16.9
1.75V	751	439	313	191	111	81.0	64.9	54.5	47.0	37.4	31.3	16.7
1.80V	744	434	310	189	110	80.6	64.3	53.9	46.5	37.2	31.0	16.6
1.85V	725	423	303	184	107	78.5	62.8	52.6	45.4	36.3	30.2	16.2

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