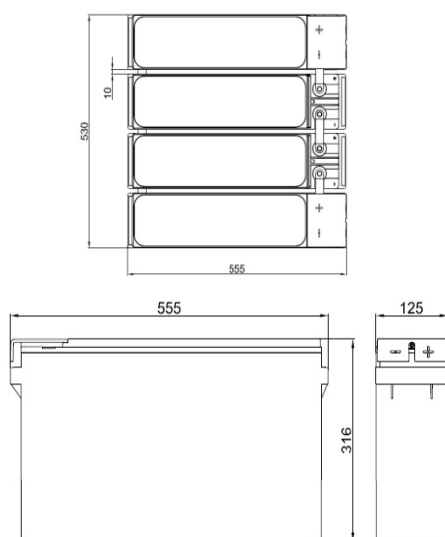


FEATURES & BENEFITS

- 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	316 mm
Weight	59.2 kg	
Internal Resistance	3.9 mOhm	
Nominal Capacity	C10 (1.80 Vpc/20°C)	190.0 Ah
	C8 (1.75 Vpc/20°C)	184.0 Ah
Short Circuit Current	3150 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	481	274	196	119	69.4	50.9	40.6	34.0	29.4	23.5	19.6	10.47
1.65V	473	273	195	119	69.2	50.7	40.4	33.9	29.2	23.4	19.5	10.41
1.70V	465	271	194	118	68.8	50.4	40.2	33.7	29.1	23.3	19.4	10.36
1.75V	461	269	192	117	68.1	49.9	39.8	33.4	28.8	23.0	19.2	10.26
1.80V	456	266	190	116	67.5	49.4	39.4	33.1	28.5	22.8	19.0	10.17
1.85V	445	259	185	113	65.7	48.1	38.5	32.2	27.8	22.2	18.5	9.91

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	962	547	391	238	139	101.7	81.2	68.1	58.7	47.0	39.1	20.9
1.65V	935	546	390	237	138	101.3	80.9	67.8	58.4	46.7	39.0	20.8
1.70V	928	543	388	236	137	100.3	80.5	67.4	58.1	46.5	38.8	20.7
1.75V	921	538	384	234	136	99.3	79.6	66.8	57.6	45.9	38.4	20.5
1.80V	912	532	380	232	135	98.8	78.9	66.1	57.0	45.6	38.0	20.3
1.85V	889	518	371	226	131	96.3	77.0	64.4	55.6	44.5	37.1	19.8

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