

Front Terminal 12MVR155L

Art nr: 78520

Product design features

- 12+ years design life, EUROBAT specification Long Life
- Extremely high cyclic life and float life performance
- Wide range of operating temperature -20°C to +55°C
- One-way valve regulated system with flame-arrestor
- Internal gas recombination efficiency 98% - 99%
- Easy for installation, maintenance free product
- Delivered ready for use
- Shock resistant ABS flame retardant container and lid
- Three-layer terminal sealing for leak-free operation
- Female M8 brass terminals with no need for retightening
- Non-hazardous cargo for ground, sea and air transport
- Fully recyclable product



Electrical Characteristics	
Nominal voltage	12 Volts
10 hour capacity to 1.80 Vpc	155.0 Ah
8 hour capacity to 1.75 Vpc	154.0 Ah
Float voltage	2.27 Vpc at 20°C, 2.25 Vpc at 25°C
Accelerated recharge	According to operational instructions
Shelf life	Up to 1 year
Short circuit current	3050 Amps
Internal resistance	4.20m Ω

Mechanical Characteristics		
	SI Units	US Units
Length	555 mm	21.8 inches
Width	125 mm	4.9 inches
Height	276 mm	10.8 inches
Typical Weight	51.3 kg	113 lbs
Terminal Torque	7.0 Nm	6196in.lbs

MONBAT Plc. is certified for ISO 9001
ISO 14001, OHSAS 18001, AQAP 2110

All MONBAT VRLA batteries are fully
compliant with IEC 60 896 - 21/22,
EN 60 896 - part 2, BS 6290 - part 4

Discharge performance at constant current discharge (A) for battery 12MVR155L at 20°C												
Uf, Vpc	5 min	15 min	30 min	1 h	2 h	3 h	4 h	5 h	6 h	8 h	10 h	20 h
1.60	393	223	160	97.3	56.7	41.5	33.1	27.8	23.9	19.2	16.0	8.54
1.65	386	223	159	96.9	56.4	41.3	33.0	27.7	23.8	19.1	15.9	8.49
1.70	380	221	158	96.4	56.1	41.1	32.8	27.5	23.7	19.0	15.8	8.46
1.75	376	219	157	95.5	55.6	40.7	32.5	27.2	23.5	18.8	15.7	8.37
1.80	372	217	155	94.6	55.0	40.3	32.2	27.0	23.3	18.6	15.5	8.29
1.85	363	211	151	92.2	53.6	39.3	31.4	26.3	22.7	18.1	15.1	8.08

Discharge performance at constant power discharge (W per cell) for battery 12MVR155L at 20°C												
Uf, Vpc	5 min	15 min	30 min	1 h	2 h	3 h	4 h	5 h	6 h	8 h	10 h	20 h
1.60	785	446	319	194.7	113.3	83.0	66.3	55.6	47.9	38.3	31.9	17.08
1.65	763	445	318	193.8	112.8	82.7	66.0	55.3	47.7	38.1	31.8	16.99
1.70	757	443	316	192.8	112.2	81.8	65.7	55.0	47.4	37.9	31.6	16.91
1.75	751	439	313	191.0	111.1	81.0	64.9	54.5	47.0	37.4	31.3	16.74
1.80	744	434	310	189.1	110.1	80.6	64.3	53.9	46.5	37.2	31.0	16.59
1.85	725	423	303	184.5	107.3	78.5	62.8	52.6	45.4	36.3	30.23	16.17