

Frontterminal 12MVR200

Art nr: 78528

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	190.0 Ah
8 hour capacity to 1.75 Vpc	189 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	3200 Amps
Internal resistance	3.89 mΩ

Mechanical Characteristics		
	SI Units	US Units
Length	555 mm	21.8 inches
Width	125 mm	4.9 inches
Height	316 mm	12.4 inches
Typical Weight	61.0 kg	130.5 lbs
Terminal Torque	7 Nm	61.96 in.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 12MVR200 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	481	274	196	119.3	69.4	50.9	40.6	34.0	29.4	23.5	19.6	10.47
1.65	473	273	195	118.8	69.2	50.7	40.4	33.9	29.2	23.4	19.5	10.41
1.70	465	271	194	118.2	68.8	50.4	40.2	33.7	29.1	23.3	19.4	10.36
1.75	461	269	192	117	68.1	49.9	39.8	33.4	28.8	23.0	19.2	10.26
1.80	456	266	190	115.9	67.5	49.4	39.4	33.1	28.5	22.8	19.0	10.17
1.85	445	259	185	113.1	65.7	48.1	38.5	32.2	27.8	22.2	18.5	9.91

Discharge performance at constant power discharge (W per cell) for battery 12MVR200 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	962	547	391	238.6	138.9	101.7	81.2	68.1	58.7	47.0	39.1	20.94
1.65	935	546	390	237.5	138.3	101.3	80.9	67.8	58.4	46.7	39.0	20.82
1.70	928	543	388	236.4	137.6	100.3	80.5	67.4	58.1	46.5	38.8	20.73
1.75	921	538	384	234.1	136.2	99.3	79.6	66.8	57.6	45.9	38.4	20.52
1.80	912	532	380	231.8	134.9	98.8	78.9	66.1	57.0	45.6	38.0	20.33
1.85	889	518	371	2226.1	131.5	96.3	77.0	64.4	55.6	44.5	37.05	19.82