

Front Terminal 12MVR65TA

Art nr: 78505

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	70.0 Ah
8 hour capacity to 1.75 Vpc	69.9 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	1620 Amps
Internal resistance	8.25 mΩ

Mechanical Characteristics		
	SI Units	US Units
Length	395 mm	15.5 inches
Width	105 mm	4.1 inches
Height	255 mm	10.4 inches
Typical Weight	23.5 kg	51.4 lbs
Terminal Torque	7.0 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 12MVR65TA 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	177	101	72	44	25.6	18.7	15.0	12.5	10.8	8.7	7.2	3.86
1.65	174	101	72	43.8	25.5	18.7	14.9	12.5	10.8	8.6	7.2	3.84
1.70	171	100	71	43.5	25.3	18.6	14.8	12.4	10.7	8.6	7.1	3.82
1.75	170	99	71	43.1	25.1	18.4	14.7	12.3	10.6	8.5	7.1	3.78
1.80	168	98	70	42.7	24.9	18.2	14.5	12.2	10.5	8.4	7.0	3.75
1.85	164	95	68	41.7	24.2	17.7	14.2	11.9	10.2	8.2	6.8	3.65

Discharge performance at constant power discharge (W per cell) for battery 12MVR65TA 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	354	202	144	87.9	51.2	37.5	29.9	25.1	21.6	17.3	14.4	7.71
1.65	344	201	144	87.5	51.0	37.3	29.8	25.0	21.5	17.2	14.4	7.67
1.70	342	200	143	87.1	50.7	37.0	29.7	24.8	21.4	17.1	14.3	7.64
1.75	339	198	141	86.2	50.2	36.6	29.3	24.6	21.2	16.9	14.1	7.56
1.80	336	196	140	85.4	49.7	36.4	29.1	24.4	21.0	16.8	14.0	7.49
1.85	328	191	137	83.3	48.4	35.5	28.4	23.7	20.5	16.4	13.65	7.30