

Technical data

General

Nominal voltage	12 V (6 cell per unit)
Nominal capacity (C20)	2,9 Ah
Length	79 mm
Width	56 mm
Container Height	99 mm
Total Height	105 mm
Approx. Weight	1,05 kg
Terminal	F1
Max discharge current (5s)	43,5 A
Internal resistance	42 mΩ
Container material	ABS
EUROBAT	3-5 years standard commercial

Charging

Float charge @ 25 °C	2,28 V per cell
Temperature compensation	-18 mV per °C

Temperature

Operating temperature range

Discharge	-15-50 °C
Charge	-15-40 °C
Storage	-15-40 °C
Self discharge	3% per month. Recharge after 6 months

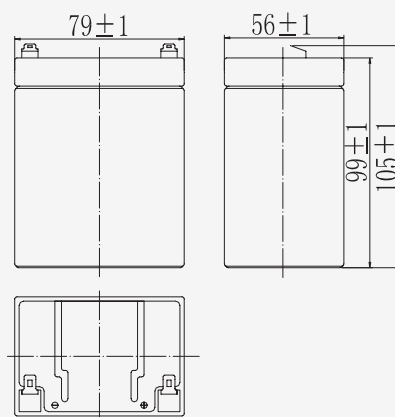
Capacity affected by temperature

40 °C	102 %
25 °C	100 %
0 °C	85 %
-15 °C	65 %

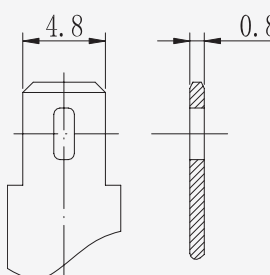


- Absorbent glass mat technology
- Recognized by UL & CE
- ABS container

Dimensions



Terminals



Terminal T1

Constant current discharge characteristics

A, 25 °C

End Voltage/cell	5 min	10 min	15 min	30 min	60 min	2 h	3 h	4 h	5 h	10 h	20 h
1,6	11,0	6,96	5,51	3,07	1,89	1,03	0,74	0,59	0,50	0,27	0,147
1,65	10,7	6,75	5,38	3,01	1,86	1,02	0,74	0,59	0,50	0,27	0,147
1,7	10,2	6,47	5,18	2,92	1,81	1,02	0,73	0,58	0,50	0,27	0,146
1,75	9,81	6,19	5,00	2,85	1,77	1,00	0,73	0,58	0,49	0,27	0,145
1,8	9,26	5,85	4,74	2,75	1,72	0,97	0,70	0,56	0,48	0,26	0,142

W, 25 °C

End Voltage/cell	5 min	10 min	15 min	30 min	60 min	2 h	3 h	4 h	5 h	10 h	20 h
1,6	123	78,5	62,8	35,2	21,8	12,1	8,79	7,05	6,00	3,28	1,77
1,65	119	76,2	61,3	34,5	21,5	12,0	8,73	7,00	5,97	3,27	1,76
1,7	114	73,0	59,0	33,5	21,0	11,9	8,67	6,96	5,93	3,26	1,75
1,75	109	69,9	57,0	32,7	20,5	11,7	8,61	6,91	5,89	3,24	1,74
1,8	103	65,9	54,0	31,5	19,9	11,4	8,35	6,70	5,71	3,17	1,71