

Product features

- Maintenance free battery, no need for watering
- Special formation process
- Analytical grade electrolyte
- Spill proof / leak proof construction
- Safety valve, maximum internal pressure 17 kPa / 2.5 psi
- Container and lid made from ABS (UL 94 V-0 version on request)
- Low self-discharge
- Non dangerous good according to FAA and IATA classification
- Complies with the following standards: IEC 60896-21/22, EUROBAT



Specification

Nominal voltage	12 V
Nominal capacity	26.0 Ah
Design life	5 years
Operating temperature	-20°C to 50°C (-4°F to 122°F)
Grid alloy	Lead-calcium-tin
Electrode design	Flat grid, pasted
Separator	Absorbent glass mat (AGM)
Active material	High purity lead and lead dioxides
Container and lid	ABS UL 94 HB (V-0 version on request)
Charge voltage	Float charging: 2.27 – 2.30 Vpc @25-15°C Cyclic use: see Instruction for use Maximum ripple: 0.05 C (A)
Electrolyte	Purified high grade sulphuric acid
Safety valve	EPDM Copolymer, opening pressure 10.5 to 14 kPa (1.5 to 2 psi), closing pressure ca. 7 kPa (1 psi)
Terminal	M5



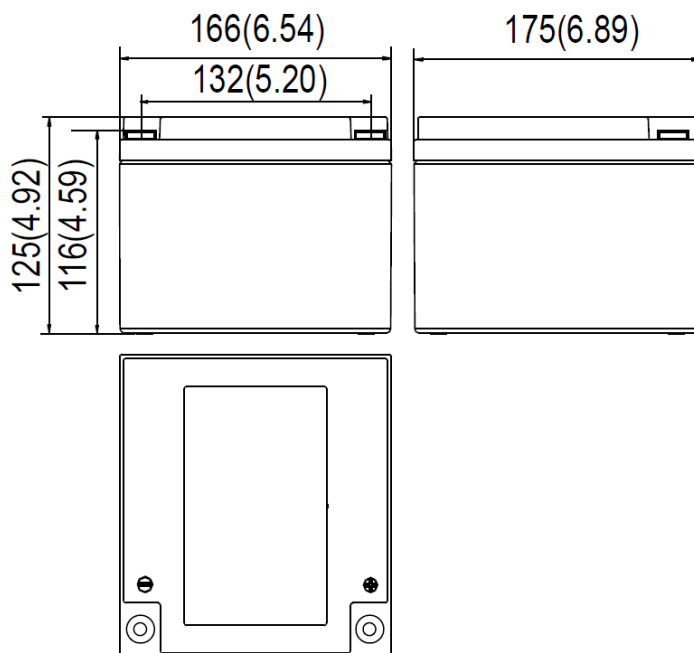
CTM GmbH keenly encourages environmental awareness. Please follow all existing guidelines for recycling/disposal of lead

Technical data

Nominal voltage		12 V	
Nominal capacity		26.0 Ah (C _{20h})	
Dimension (±1 mm / ±0.04 inch)	Length	166 mm	6.54 inches
	Width	175 mm	6.89 inches
	Height	125 mm	4.92 inches
	Weight	8.2 kg	18.1 lbs.

Characteristics

Capacity 20°C (68°F) to 1.8 Vpc	20 h	28.0 Ah
	10 h	26.7 Ah
	5 h	22.5 Ah
	1 h	17.0 Ah
	15 min	10.5 Ah
Internal resistance		10 mΩ
Impedance		-
Temperature correction factors	40°C (104°F)	102%
	20°C (68°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Self-discharge at 20°C (68°F) - Capacity after	1 month storage	98%
	3 months storage	94%
	6 months storage	86%
Short circuit current	A @ 20°C (68°F)	360
Terminal	Standard	M5
	Option	-
Charging voltage	Cyclic	See operating instruction
	Float charging	2.27-2.30 Vpc 25-15°C (77-59°F)



Constant current discharge – A @ 20°C (68°F)

Uf Vpc	10 min	15 min	30 min	60 min	2 h	3 h	5 h	8 h	10 h	20 h
1.80		42.1	27.3	17.0	9.7	7.0	4.5	3.22	2.67	1.40
1.75		44.5	28.7	17.3	9.9	7.3	4.8	3.25	2.70	1.43
1.70		50.2	29.8	17.8	10.1	7.4	4.9	3.28	2.76	1.48
1.65		51.6	30.0	18.4	10.3	7.5	5.0	3.31	2.82	1.50

Constant power discharge – Watt per cell @20°C (68°F)

Uf Vpc	10 min	15 min	30 min	60 min	2 h	3 h	5 h	8 h	10 h	20 h
1.80		80.8	53.9	33.0	18.3	13.7	9.0	6.15	5.23	2.87
1.75		85.0	54.4	33.6	19.0	14.3	9.4	6.21	5.23	2.87
1.70		88.9	56.4	34.1	19.5	14.7	9.6	6.29	5.26	2.87
1.65		90.5	57.1	34.3	19.7	14.8	9.9	6.32	5.29	2.90

Capacity – Ah @20°C (68°F)

Uf Vpc	2 h	3 h	5 h	8 h	10 h	20 h
1.80	19.4	21.0	22.5	25.8	26.7	28.0
1.75	19.8	21.9	24.0	26.0	27.0	28.6
1.70	20.2	22.2	24.5	26.2	27.6	29.6
1.65	20.6	22.5	25.0	26.5	28.2	30.0

