

AGV Battery Systems



Motive Power Systems



Telecom/IT Battery Systems



Railway Battery Systems



Power Supply



Standby



power.bloc OPzV

Sealed lead-acid battery

Product features customer benefits

- Electrolyte in gel form
= **reduced maintenance (no water refilling)**
= **horizontal operation (option)**
- Tubular plate
= **long life in cyclic operation**
- Robust, reinforced PP
= **resistant to common cleaning agents**
- Smooth battery lid with integral handle
= **easy-to-clean surface**
= **easy to handle**
- Composite terminal / system connector
= **exclude corrosion**
= **prevent short-circuits even during installation**

Main applications:



IT/Telecom



Security lighting



Signalling equipment



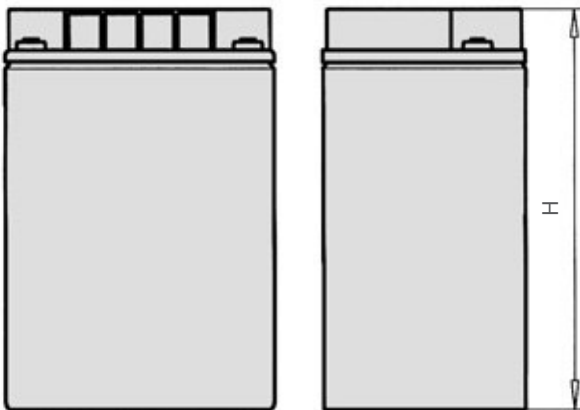
Type overview

Capacities, dimensions and weights

Type	C _{nom} /1.80 V Ah*	C ₁₀ /1.80 V Ah**	C ₂ /1.77 V Ah	C ₃ /1.75 V Ah	C ₄ /1.67 V Ah	Max. Weight kg	Length L mm	Width W mm	Height H mm	Figure
12V 1 OPzV 50	50.0	51.0	44.5	39.6	30.3	38.0	272	205	383	A
12V 2 OPzV 100	100	101	88.5	79.5	60.6	52.0	272	205	383	A
12V 3 OPzV 150	150	152	133	119	90.9	74.0	380	205	383	A
6V 4 OPzV 200	200	202	178	159	121	51.0	272	205	383	B
6V 5 OPzV 250	250	253	222	199	152	66.0	380	205	383	B
6V 6 OPzV 300	300	304	266	239	182	73.0	380	205	383	B

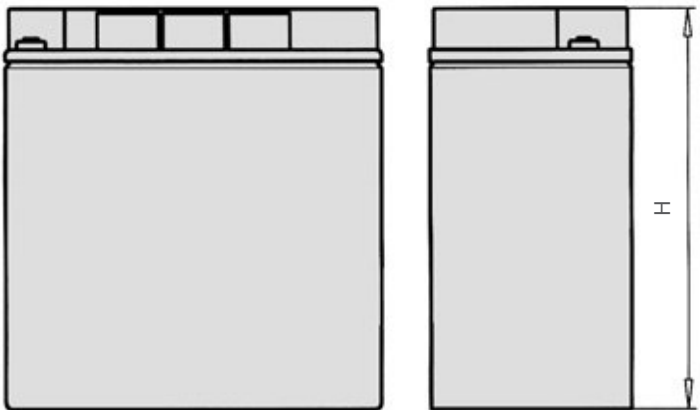
* C_{nom} = Nominal capacity according to DIN 40744 at 10 h discharge ** C₁₀ = Real capacity at 10 h discharge

Fig. A

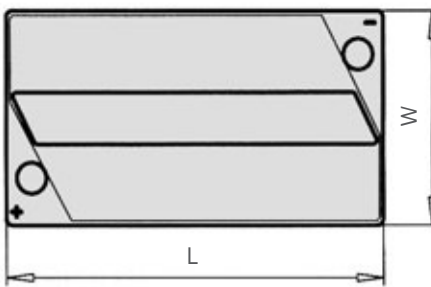
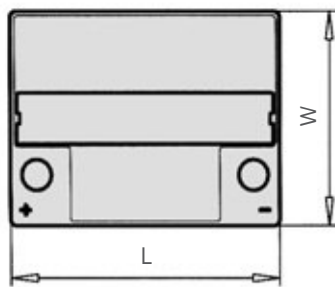


12 V 1 OPzV 50 - 12 V 3 OPzV 150

Fig. B



6 V 4 OPzV 200 - 6 V 6 OPzV 300



Design life: 15 years
Suitable for cycling: up to 1000 discharges at 80% DOD

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