

AGV Battery Systems



Motive Power Systems



Telecom/IT Battery Systems



Railway Battery Systems



Power Supply



Standby



power.bloc OPzS

Vented lead-acid battery

Product features customer benefits

- Tubular plate
= **long life in cyclic operation**
- DIN product of up-to-date design
= **compatibility with existing installations**
- Robust, highly-translucent PP
= **resistant to common cleaning agents**
= **electrolyte level easily checked**
- Smooth battery lid with integral handle
= **easy-to-clean surface**
= **easy to handle**
- Composite terminal / system connector
= **no corrosion**
= **prevents short-circuits even during installation**
- AquaGen® recombinator (optional)
= **extremely long intervals between topping-up with water, even total freedom from maintenance**

Main applications:



Telecommunications



Security lighting



Solar



Switching stations



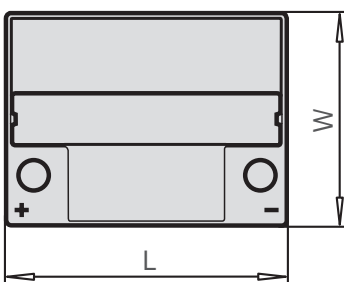
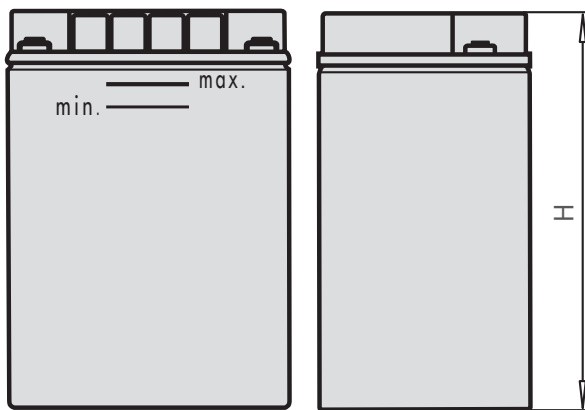
Type overview

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	Weight kg	Weight electrolyte kg (1.24 kg/l)	Length L mm	Width W mm	Height H mm	Fig.
12 V 1 OPzS 50	50.0	50.0	44.0	39.0	28.4	37	15	272	205	383	A
12 V 2 OPzS 100	100	101	88.0	77.7	56.9	48	13	272	205	383	A
12 V 3 OPzS 150	150	151	132	117	85.3	67	18	380	205	383	A
6 V 4 OPzS 200	200	202	176	155	114	47	13	272	205	383	B
6 V 5 OPzS 250	250	252	220	194	142	60	20	380	205	383	B
6 V 6 OPzS 300	300	302	264	233	171	67	18	380	205	383	B

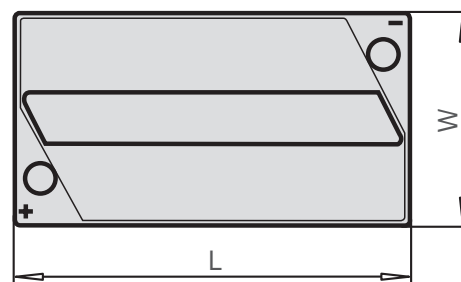
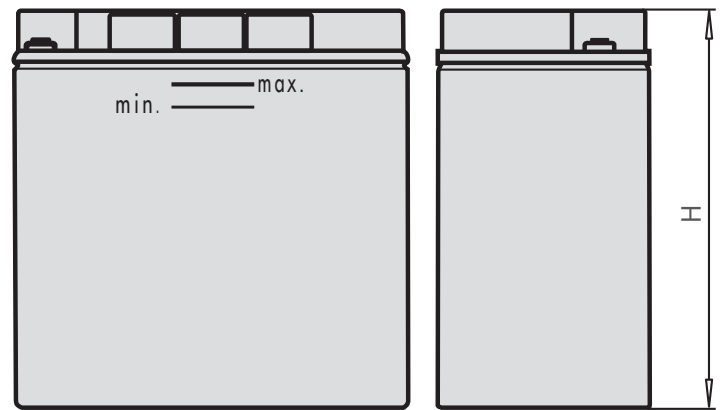
* C_{nom} = Nominal capacity according to DIN 40737-3 ** C₁₀ = Capacity at 10 h discharge

Fig. A



12 V 1 OPzS 50 - 12 V 3 OPzS 150

Fig. B



6 V 4 OPzS 200 - 6 V 6 OPzS 300

Life expectancy: up to 18 years

In cyclic operation: up to 1400 discharges at 80% DOD