

48 BBS xx

BATTERY SET 48 V DC

FOR EMERGENCY POWER SUPPLY

The 48 BBS xx battery sets with 48 V DC are used to provide power supply for the INDUSTRONIC system and all connected components in the event of mains failure and thus to ensure the availability of all functions.

Different battery capacities are available, which can be selected according to system-specific requirements.



- Sealed, rechargeable and valve-regulated lead batteries
- High-current discharge characteristics, suitable for cyclic operation
- Short charging times
- Safety valve for safe venting
- Flame-retardant ABS plastic
- Can be stored for 6 months without recharging
- Maintenance-free and leak-proof
- 100 % recyclable
- Complete with mounting rails (for cabinets with a width of 800 mm (31.50")), connection cable (approx. 3 m (3.28 yd)), fuse and accessory set

GENERAL TECHNICAL DATA

Type	Lead battery
Technology	VRLA-AGM
Nominal voltage per block	12 V DC
Number of battery blocks	4
Recommended temperature range	-15 °C to +40 °C (+5 °F to +104 °F)
Nominal operating temperature	+25 °C (+77 °F)
Self-discharge at 25 °C (+77 °F)	< 2 % / month
Standards	IEC 60896-21, IEC 60896-22, UL approval



BATTERY SET 48 BBS 40 TO 48 BSS 195

Capacity*	40 Ah to 195 Ah
Connection	G-Pol M6/M8
Standard	"> 12 years VERY LONG LIFE" acc. to Eurobat classification

*depending on battery type (see type overview)

Accessory (optional)

Remote venting set for 48 BBS 40 to 48 BBS 195

Type number	071-016-001
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BATTERY SET 48 BBS 27

Capacity	27 Ah
Connection	G-Pol M5
Standard	"10-12 years LONG LIFE" acc. to Eurobat classification
Remote venting	No



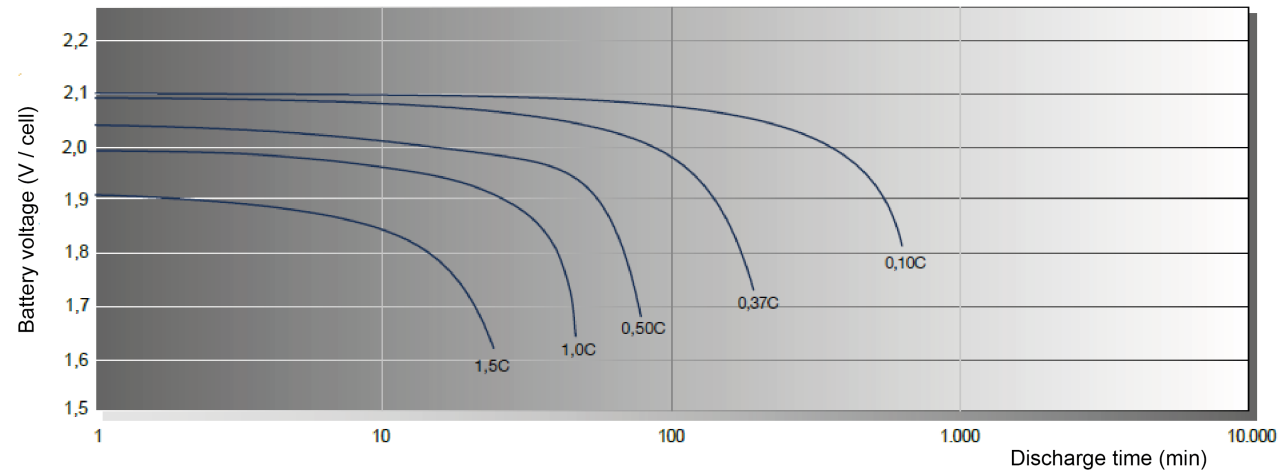
BATTERY SET 48 BBS 12

Capacity	12 Ah
Connection	Faston 6.3 mm (0.25")
Standard	"10-12 years LONG LIFE" acc. to Eurobat classification
Remote venting	No



DISCHARGE CURVE FOR ALL TYPES

Discharge curves for different discharge currents / final discharge voltages (at +20 °C (+68 °F))



TYPE OVERVIEW

Type	Capacity	Dimensions of Each Battery Block Width x Height x Depth (approx.)	Weight of Battery Block	Type Number
48 BBS 12	12 Ah	98 mm x 95 mm x 151 mm (3.86" x 3.74" x 5.94")	4.2 kg (9.26 lbs)	225-123-012
48 BBS 27	27 Ah	166 mm x 125 mm x 175 mm (6.54" x 4.92" x 6.89")	8.8 kg (19.40 lbs)	225-123-027
48 BBS 40	40 Ah	105 mm x 198 mm x 280 mm (4.13" x 7.80" x 11.02")	13 kg (28.66 lbs)	225-123-040
48 BBS 60	60 Ah	105 mm x 260 mm x 280 mm (4.13" x 10.24" x 11.02")	18 kg (39.68 lbs)	225-123-060
48 BBS 100	100 Ah	126 mm x 230 mm x 558 mm (4.96" x 9.06" x 21.97")	39 kg (85.98 lbs)	225-123-100
48 BBS 130	130 Ah	126 mm x 282 mm x 558 mm (4.96" x 11.10" x 21.97")	46 kg (101.41 lbs)	225-123-130
48 BBS 150	150 Ah	126 mm x 282 mm x 558 mm (4.96" x 11.10" x 21.97")	49 kg (108.03 lbs)	225-123-150
48 BBS 180	180 Ah	126 mm x 321 mm x 558 mm (4.96" x 12.64" x 21.97")	57 kg (125.66 lbs)	225-123-180
48 BBS 195	195 Ah	126 mm x 321 mm x 558 mm (4.96" x 12.64" x 21.97")	61 kg (134.48 lbs)	225-123-195

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