

BK-EX Battery Box



- ATEX and IEC-Ex Zone 1 and 21 certified
- Provides battery power in hazardous areas
- Highly durable and rugged

Provide battery power in hazardous areas

The BK-EX is a rechargeable battery enclosure with batteries that can be used in mobile or fixed applications.

Easy connection

With an ATEX and IEC-Ex certified outlet socket, the BK-EX is easy to connect to equipment.

Specification

Certification	Ⓜ II 2 G Ex db eb IIC T6 Gb Ⓜ II 2 D Ex tb IIIC T80°C Db
Housing	Stainless steel 1.4301 (304)
Ingress protection	IP65
Voltage	12VDC or 24VDC
Capacity	20 aH @ 12VDC or 10 aH @ 24VDC
Weight	Approximately 15 kg
Dimensions	610 x 515 x 370 mm
Temperature	Operation: -20°C to +60°C Storage: -30°C to +60°C
Batteries	2 x lead acid gel, type Dryfit A 512/10.0S, rechargeable
Connections	Jack 2 pin, type MO02290
Maximum charge/discharge current	8 A
Fully charged time	Approximately 12 hours
Recommended under voltage cut off level (to avoid battery damage by deep discharge)	12v battery pack - 10.5V 24v battery pack - 21v
Charging environment	Safe area only

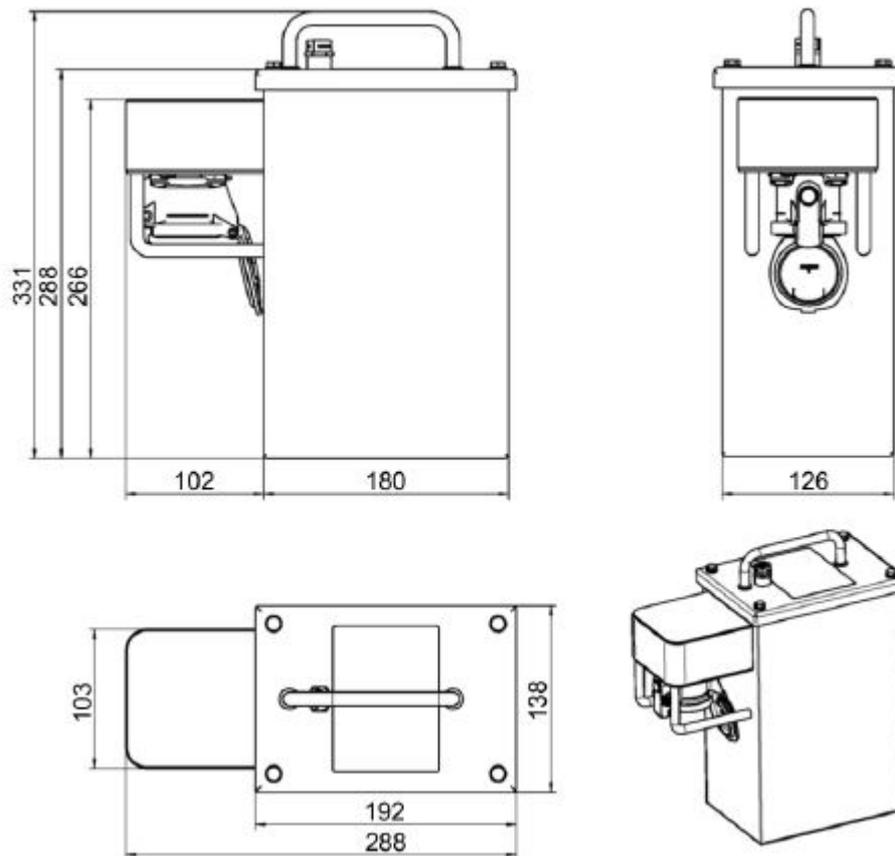


Extronics Limited

1 Dalton Way, Midpoint 18, Middlewich, Cheshire, UK. CW10 0HU

Tel: +44 (0) 845 277 5000 Fax: +44 (0)845 277 4000 E-mail: info@extronics.com Web: www.extronics.com

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Dimensions in mm

Ordering Information:

BK-EX Zone 1/21 Battery Enclosure (24V Battery, 10Ah, Stainless Steel Housing with Handle, Outlet Socket, IP65)	920051000
BK-EX Zone 1/21 Battery Enclosure (12V Battery, 20Ah, Stainless Steel Housing with Handle, Outlet Socket, IP65)	TBA

Accessories:

BK-EX Battery Charger Outlet Plug	MO02990
Charger for BK-EX-24v	MO02988

Plastic housing, L=180 mm, W=90 mm, H=56 mm. Protection type IP 21.
Mains connection 230 VAC, 50/60 Hz, charging current 5A, with Europa plug. Output side fitted with explosion-proof plug, intended for operation in a safe area ONLY.

Charger for BK-EX-12v	TBA
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Plastic housing, L=180 mm, W=90 mm, H=56 mm. Protection type IP 21.
Mains connection 230 VAC, 50/60 Hz, charging current 1A, with Europa plug. Output side fitted with explosion-proof plug, intended for operation in a safe area ONLY.



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