

## BK-EX Battery Box



***Stainless Steel Battery Enclosure for use in Zone 1 & 21 Hazardous Areas.***

***II 2G EEx ed IIC T6  
II 2D T80°C***

***-20°C to +50°C***

***IP65***

### Overview

A rugged stainless steel rechargeable battery enclosure for use in the hazardous area. The enclosure can be used in mobile or fixed applications and is fitted with an ATEX certified outlet socket for easy connection to the equipment. The enclosure cannot be recharged in the hazardous area.

### Specification

<b>Housing</b>	Stainless Steel 1.4301
<b>Protection</b>	IP65 dustproof and splash-water protected
<b>Weight</b>	Approximately 15 Kg
<b>Voltage</b>	12VDC or 24VDC
<b>Capacity</b>	20Ah @ 12VDC or 10Ah @ 24VDC
<b>Rechargeable Batteries</b>	2 x Lead Acid Gel, Type Dryfit A 512/10.0 S
<b>Connections</b>	Jack 2 Pin, Type GHG 542 5210 V0
<b>Ambient Temperature Range</b>	Operation: -20°C to +50°C Storage: -30°C to +60°C
<b>Max Charging/Discharge Current</b>	8A
<b>Fully Charged Time</b>	Approx 12 Hours
<b>Recommended Under Voltage cut off Level. (To avoid battery damage by deep discharge)</b>	12v battery pack - 10.5V 24v battery pack - 21v
<b>Charging Environment</b>	Safe Area Only
<b>ATEX Certification</b>	TUV EX5 01 11 38033 014 II 2 G EEx ed IIC T6 II 2 D T80°C

## Ordering Information

Description	Part Number
BK-EX Zone 1/21 Battery Enclosure (24V Battery, 10Ah, Stainless Steel Housing with Handle, Outlet Socket, IP65)	4640-358
BK-EX Zone 1/21 Battery Enclosure (12V Battery, 20Ah, Stainless Steel Housing with Handle, Outlet Socket, IP65)	4640-352
BK-EX Battery Charger Outlet Plug	71489210000
Charger for BK-EX-24v Plastic housing, L=135 mm, W=100 mm, H=76 mm. Protection type IP 20. 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 are ONLY.	4911-228
Charger for BK-EX-12v Plastic housing, L=135 mm, W=100 mm, H=76 mm. Protection type IP 20. 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 are ONLY.	4911-362

