



# TX6650 Portable Battery Pack

Portable power for remote  
installations in industrial  
environments



Ruggedised and portable power to support  
the installation of Trolex products in remote  
industrial operating environments.

P5642.1600 Rev A

## Product Overview

The Trolex TX6650 Portable Battery Pack is specifically designed as a compact and rugged platform for the supply of operational power to remotely installed instrumentation, where direct power is unavailable.

Operational battery life is supported and extended via the availability of two rechargeable lithium ion cells as required. Smart prioritisation supports primary battery selection, and changeover whilst maintaining continuous product operation.

The Portable Battery Pack is fitted with overcurrent fault detection circuitry and external warning indicators to provide protection to connected equipment when a fault is detected.

Ease of on-site installation and commissioning is supported through a glanded cable system, which allows the power cable to be directly installed and routed to instrumentation as required.



## Product Features

- Ruggedised, portable power to support the installation of remote equipment in industrial environments
- Hot swappable, rechargeable Lithium Ion cells for extended operational life
- Full charge of depleted battery cells in 4 hours with dedicated charger
- Smart battery management including battery prioritisation, overcurrent protection and status indication
- High visibility external status indicators
- Individually fused batteries, quick replace as required
- High vibration and impact resistance for use in heavy duty industrial environments
- Up to 5m cable connection distance
- IP67 Watertight, crushproof and dustproof enclosure with integrated carry handle
- Lock and secure padlock feature

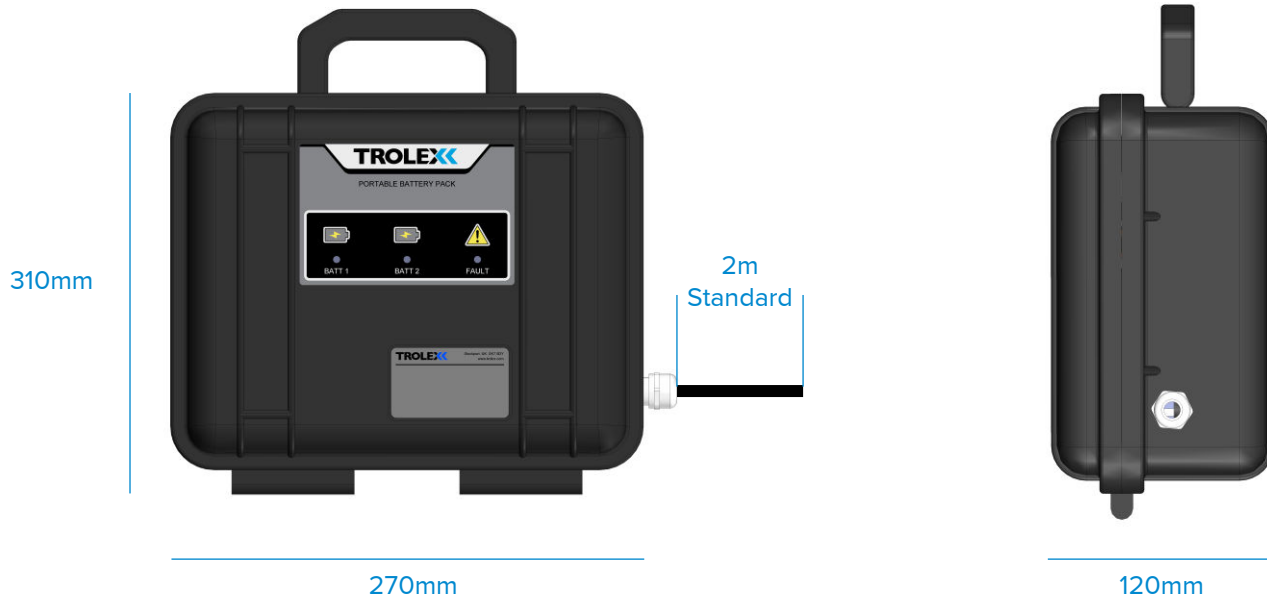


Product Internals



Transportable Product Kit

## Dimensions



## Specifications

## Technical Information

<b>Operating temperature:</b>	-20°C to +50°C
<b>Storage temperature:</b>	-20°C to +30°C (at 50% state of charge)
<b>Charging temperature:</b>	0°C to +40°C
<b>Humidity:</b>	95% RH, non-condensing
<b>Housing material:</b>	Polypropylene
<b>Ingress protection:</b>	IP67
<b>Weight:</b>	3.26 Kg (2m Standard Cable) without charger
<b>Max Cable length:</b>	Up to 5m
<b>Connections:</b>	1 x M16 Cable Gland
<b>Batteries:</b>	Lithium Ion
<b>Battery Capacity:</b>	1 Battery – 96Wh 2 Batteries – 192Wh
<b>Battery Run Time:</b>	Average 3W load, 1 Battery – 32hrs
<b>Power Consumption:</b>	10mA
<b>Output Voltage:</b>	10 – 16.8V dc (15V dc Nominal)
<b>Max Output Current:</b>	1A (Electronically Limited)
<b>Product fixing/mounting:</b>	Portable carry handle
<b>Certification:</b>	CE Compliant

# Order Reference

## TX6650 – Portable Battery Pack

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Product options:

TX6650					
Certification		Battery Config	Cable Length*	Charger Input	
General Purpose	00	Single (24 hr+)	2m (Standard)	External AC**	01
		Dual (50 hr+)	5m	Internal DC	02

### Cable Length\*

Cable is stripped and crimped for compatibility with DC input terminals through glanded entry.

### Charger Input\*\*

A removable AC Charge pack is supplied for individual battery charging as required.

For more information on Trolex or if you'd like to find out more about the TX6650 Portable Battery Pack please contact us at:

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