

# APPLICATION DATA SHEET



Control Systems

Transmitters

Sensors

Accessories

## TOC SERIES BATTERY BACKUP MODULES

External Battery Backup Modules For Use With IGD Gas Detection Systems



TOC-750-BAT2



TOC-750-BAT1

750 Series battery backup modules provide a seamless switch over from mains to battery power in the event of mains power failure. 750 Series battery backup modules use the latest high efficiency technology to manage battery charging, change over to battery power and controlled shutdown

There are two models to choose from

TOC-750-BAT1  
7AH Battery Backup  
24V DC PSU AT 150W

TOC-750-BAT2  
17AH Battery Backup  
24V DC PSU at 300W

Use with any IGD Control Panel

LCD Multi-Colour Display Gives Clear Indication of Power Source and Charge Status

Solid State Output Changes State on Switch Over From Mains Power to Battery Power

Volt Free Relay Output Changes State on Switch Over From Mains Power to Battery Power

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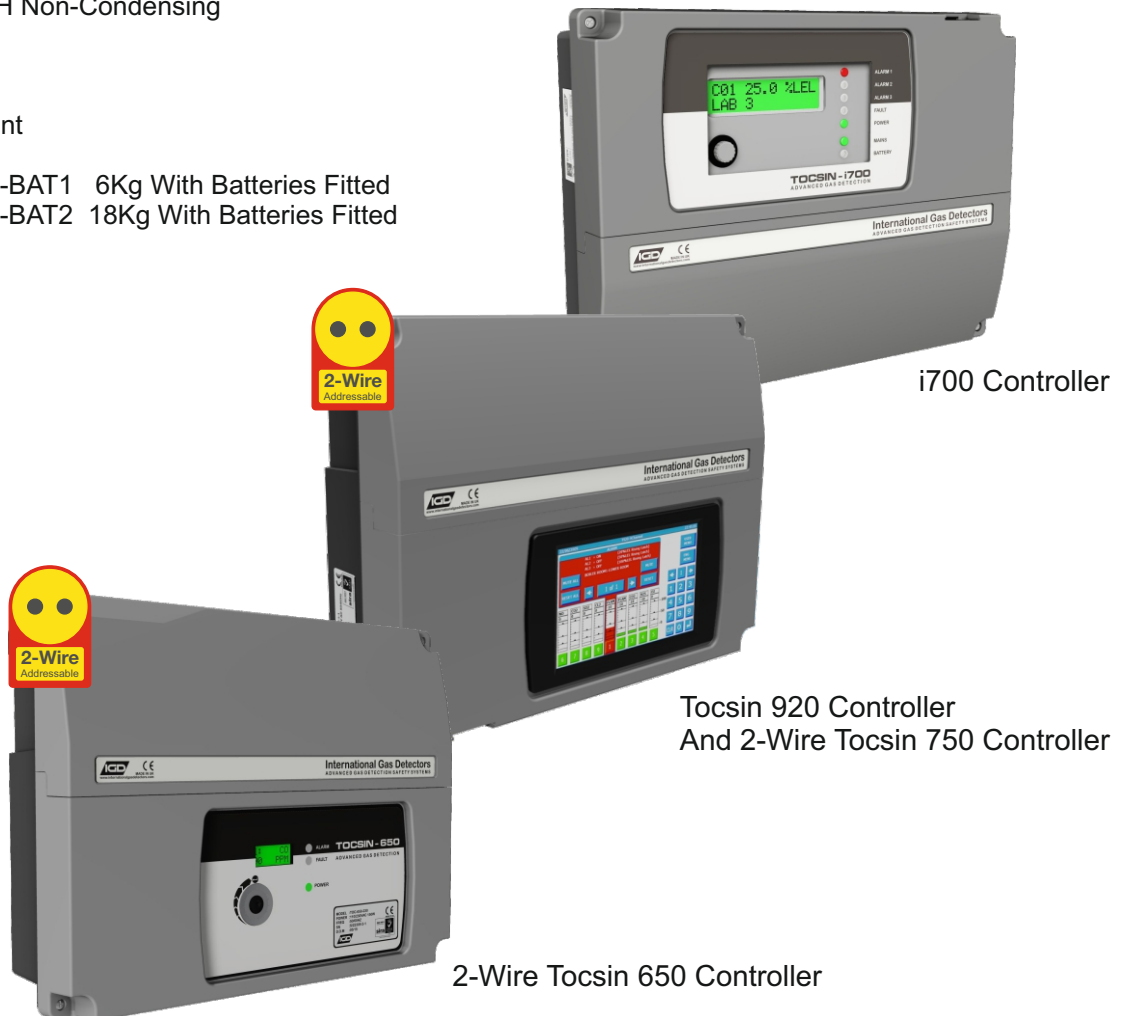
Accessories

## Standard Specifications

Power	110/230V AC 50/60Hz	
Construction	TOC-750-BAT1	ABS Enclosure
	TOC-750-BAT2	Powder Coated Mild Steel Enclosure
Display	2 x 16 LCD With RGB Back Light	
Outputs	1 off SPCO Relays 4A Non-Inductive 1 off Solid State Output 1A @ 24V DC Both Outputs Change State on Change Over From Mains to Battery	
Temperature	-5 to 55 Deg C Full Specification.	
Humidity	0-95% RH Non-Condensing	
Sealing	IP54	
Mounting	Wall Mount	
Weight	TOC-750-BAT1	6Kg With Batteries Fitted
	TOC-750-BAT2	18Kg With Batteries Fitted

## Standard Features

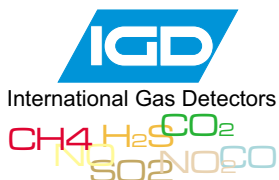
- Use With Any IGD Control Panel
- LCD Multi-Colour Display Gives Clear Indication of Power Source and Charge Status
- Solid State Output Changes State on Switch Over From Mains Power to Battery Power
- Volt Free Change Over Relay Changes State on Switch Over From Mains Power to Battery Power



i700 Controller

Tocsin 920 Controller  
And 2-Wire Tocsin 750 Controller

2-Wire Tocsin 650 Controller



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Ref T750BB3

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## EC Declaration of Conformity



Issuers name and address:

Oliver IGD Limited of  
Triton House  
Crosby St  
Stockport, SK2 6SH  
United Kingdom

Declares that the product listed as:

**TOC-750-BAT1**

**TOC-750-BAT2**

**Battery Backup Modules**

Are in conformity with the provisions of the following European Directive(s) when installed, operated, serviced and maintained in accordance with the installation and operating instructions contained in the product documentation.

**2004/108/EC**

**EMC Directive**

**2006/95/EC**

**Low Voltage Equipment Directive** (note not applicable to 24V DC Powered Versions)

And that the standards and/or technical specifications referenced below have been applied or considered.

EN 61000-6-2: 2005

EMC Generic standards. Immunity for industrial environments

EN 61000-6-4/A1: 2011

EMC Generic standards. Emission standard for industrial environments

EN 61000-3-2: 2014

EMC Limits. Limits for harmonic current emissions (equipment input current  $\leq 16$  A per phase)

EN 61000-3-3: 2013

EMC Limits. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current  $\leq 16$  A per phase

Technical File Reference

T750BB-TF9

Oliver IGD Limited Operate and Independently assessed ATEX/IECEX QAN.

Oliver IGD Limited operate an independently assessed Testing Agency:  
ISO9001:2008 Quality Management System.

Quality Assurance Certificate Number  
**ExVeritas 16PQAN0014**

Quality Management Certificate Number  
**FS 646773**

TUV - SUD  
Octagon House  
Concorde Way  
PO 15 5RL  
Fareham



Quality Assurance Notification Number:  
**2585**

ExVeritas,  
Units 16-18,  
Abenbury Way,  
Wrexham Industrial Estate,  
Wrexham, UK, LL13 9UZ

BSI Assurance UK LTD,  
Chiswick High Road,  
London  
W4 4AL  
UK

Mehr Sicherheit.  
Mehr Wert.

TUV Certificates and reports can be checked on-line at [https://www.tuev-sued.de/industry\\_and\\_consumer\\_products/certificates](https://www.tuev-sued.de/industry_and_consumer_products/certificates)

Issued by: Oliver IGD Limited, Stockport, SK2 6SH, United Kingdom

Signature:

Declaration of Conformity in accordance with EN ISO/IEC 17050-1:2004

Name

Andrew J Collier M.I.O.D

Position:

Managing Director

Date: 1.June 2015

Declaration Ref: 750BB-JAN-1



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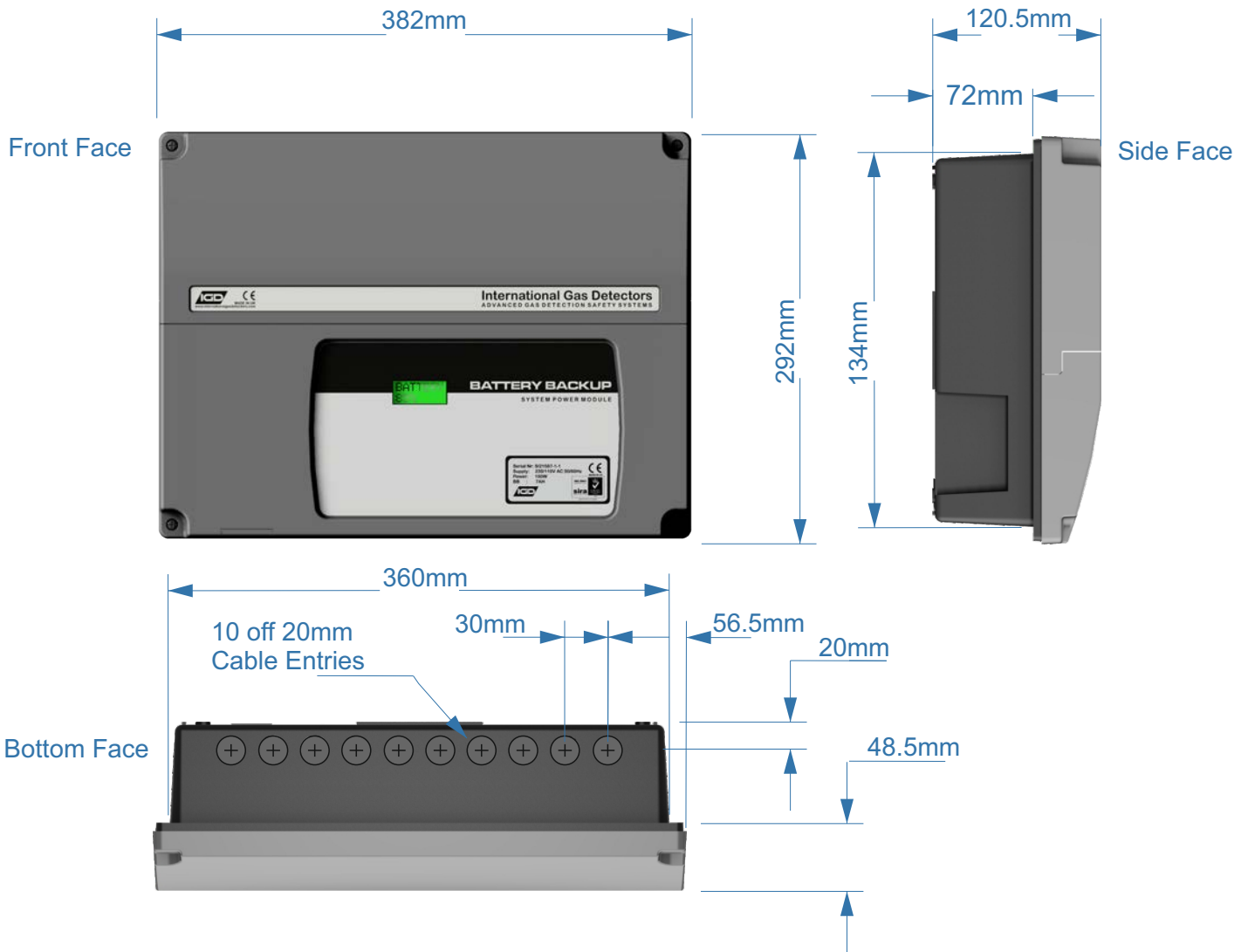
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## TOC-750-BAT1 PHYSICAL



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Ref T750BB3

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## TOC-750-BAT2 PHYSICAL

