



Certificate of Constancy of Performance

The details and conditions of use for the D1532 Series of Power Supply Equipment, placed on the market under the name or trade mark of : **Dycon Power Solutions Ltd**

Products:	D1532 Series Power Supply Equipment
Placed on the market under the name or trade mark of:	Dycon Power Solutions Ltd, Unit A, Cwm Cynon Business Park, Mountain Ash, CF45 4ER, Wales, UK
And produced in the manufacturing plant of:	Dycon Power Solutions Ltd, Unit A Cwm Cynon Business Park, Mountain Ash, CF45 4ER, Wales, UK
Intended use:	Intruder Alarm and Access Control Systems
Standard to be complied with:	EN50131-1:2006+A3:2020 Grade 3 and PD6662:2017 Grade 3
First certified date:	21 st August 2017
Validity:	As long as neither the harmonised standard, the product, the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

This certificate confirms that all the requirements and provision set out under EN50131-1:2006+A3 2020 Security Grade 3, Environmental Class 2 and PD6662:17 have been applied and that Dycon Power Solutions Ltd's factory production control is continuously assessed to ensure the constancy of performance.

These products are compliant with EN50131-1:2006+A3:2020, Security Grade 3, Environmental Class 2 and PD6662:17

Conditions of Use:

- 1) Suitable for indoor applications only
- 2) These products must be installed and used in accordance with Dycon Power Solutions' installation instructions.

Model No.	Manufacturing Location	Description
D1532-B	DYCONUK.02	3A Power Supply Equipment with 2 x 7Ah or 1 x 17AH Batteries in a Dycon 'B' Stand-alone Enclosure
D1532-XLB	DYCONUK.02	3A Power Supply Equipment with 2 x 7Ah or 2 x 17AH Batteries in a Dycon 'XLB' Stand-alone Enclosure
D1532-XLBD	DYCONUK.02	3A Power Supply Equipment with 2 x 7Ah or 4 x 17AH Batteries in a Dycon 'XLB' Deep Stand-alone Enclosure
D1532-C	DYCONUK.02	3A Power Supply Equipment with 2 x 7Ah or 1 x 17AH Batteries in a Dycon 'C' Stand-alone Enclosure
D1532-E	DYCONUK.02	3A Power Supply Equipment with 2 x 7Ah or 2 x 17AH Batteries in a Dycon 'E' Large Stand-alone Enclosure
D1532-P	DYCONUK.02	3A Power Supply module to be incorporated into a 3 rd Party EN50131 Grade 3-compliant Housing

6. Declared performance



**Dycon Power Solutions Ltd, Unit A, Cwm Cynon Business Park, Mountain Ash,
CF45 4ER, UK**

D1532 2017/08/21

Harmonised Technical Specification		BS EN 50131-6:2008+A1:2014
Essential Characteristics	Performance	Clause
Performance of power supply		
- General requirements	Pass	4
- Functions	Pass	5
- Materials, design and manufacture	Pass	6
Operational reliability		
- General requirements	Pass	4
- Functions	Pass	5
- Materials, design and manufacture	Pass	6
- Documentation	Pass	7
- Marking	Pass	8
Durability of operational reliability (temperature resistance)		
- Cold (operational)	Pass	9.5
Durability of operational reliability (vibration resistance)		
- Impact (operational)	Pass	9.7
- Vibration, sinusoidal (operational)	Pass	9.8
- Vibration, sinusoidal (endurance)	Pass	9.15
Durability of operational reliability (electrical stability)		
- Electrical Compatibility (EMC), - Immunity tests (operational)	Pass	9.9
Durability of operational reliability (humidity resistance)		
- Damp heat, steady state (operational)	Pass	9.6
- Damp heat, steady state (endurance)	Pass	9.14

Additionally, these units are tested and conform to the following EC Directives : -
2014/30/EU for Electro Magnetic Compatibility and 2014/35/EU Low Voltage Directive

EC Directives	Technical Standard
EMC Directive 2014/30/EU	BS EN 61000-3-2:2014
	BS EN 61000-3-3:2013
	BS EN 61000-4-2:2009
	BS EN 61000-4-3:2006+A1:2008+A2:2010
	BS EN 61000-4-4:2012
	BS EN 61000-4-5:2014
	BS EN 61000-4-6:2014
	BS EN 55022:2010
LV Directive EN2014/35/EU	BS EN 62368-1:2020
RoHS Directive	Dycon certified that all components used comply with RoHS 2002/95/EC directives
WEEE Directive WEEE 2002/96/EC	Dycon actively supports its customers in complying with compliance to WEEE 2002/96/EC and Dycon's Registered Producer Number is /96/EC96

Name of Authorised Signatory: F. van Eekeren

Position in Company: Managing Director

Signed:



Date: 21st January 2022

Place: Mountain Ash, CF45 4ER, Wales

Dycon Power Solutions Ltd

Unit A, Cwm Cynon Business Park, Mountain Ash,
CF45 4ER, United Kingdom.

For more information about the Dycon products:

website: www.dyconpower.com

email: sales@dyconpower.com

Or to discuss your specific needs:

+44 (0)1443 471 900

Dycon leads the security and associated power supply markets, with UK design and manufacture of advanced power products, engineered to provide high quality, cost-effective solutions to meet current regulations and the specific needs of system integrators and end-users

D1532 declaration 27012022 V4

