

# Licence

## for the use of SIQ Type Approved certification mark

**Number:** SI-SIQ BG 007/085 **Project file:** C20202353

**Product:** Power supply for built-in use (DIN rail)

**Type reference:** See page 2

**Trademark:** TRACO POWER

**Ratings:** See pages 2, 3 and 4.

**Applicant / Licensee:** Traco Power Solutions Ltd.  
Whitemill Industrial Estate Wexford, White Mill Road, Y35 YH66, Ireland

**Manufacturer:** Traco Power Solutions Ltd.  
Whitemill Industrial Estate Wexford, White Mill Road, Y35 YH66, Ireland

SIQ hereby grants the right to use the SIQ Type Approved certification mark of conformity on the products specified in this document. The SIQ Type Approved certification mark of conformity signifies the compliance of the products with requirements of cited standards.

**Certification mark:**



**Standard:** EN 61010-1:2010 + A1:2019  
EN IEC 61010-2-201:2018

**Test report:** T223-0011/21, T223-0012/21 (2021-01-18)

**Remarks:** This licence has been issued under the presumption and conditional on the fact that the licensee holds all necessary legal rights with regard to the product presented for testing and certification.  
This licence is valid as long as the conditions laid down in the listed standards are not modified significantly and until the licensee complies with the SIQ's rules on product certification.

**Date:** 2021-01-18

**Authorized signature:** Bojan Pečavar



*Only integral publication of this licence is allowed. This licence may only be reproduced in its entirety and without any changes. On request SIQ will give information about the validity of the licence.*

# Licence

## for the use of SIQ Type Approved certification mark

**Number:** SI-SIQ BG 007/085

### Additional remarks:

The list of critical components of the product for which this licence is granted is included in the test report.

In addition, unit was verified for compliance of clearance and creepage distance requirements, according to EN 61558-2-16:2009 + A1:2013. Refer to test report T221-0085/16.

Unit was also verified for compliance with clearance and creepage distance requirements of EN 60204-1:2006 + A1:2009 and EN 50178:1997 on applicant's request. Output must be earthed in the final unit in order to comply with PELV requirements according to standard EN 60204-1:2006 + A1:2009. Refer to test report T221-0085/16.

### Type reference:

TSPC 050-112, TSPC 050-124,  
TSPC 080-112, TSPC 080-124,  
TSPC 120-124, TSPC 120-148,  
TSPC 240-124, TSPC 240-148,  
TSPC 240-124UPS,  
TSPC 480-124, TSPC 480-148

Models can be additionally marked with xxxxxxxx, where 'x' or 'a' can be any alphanumeric, blank or dash, no impact on safety.

### Ratings:

#### Input:

TSPC 050-112: 100 - 240 Vac; 1,1 - 0,7 A; 50/60 Hz  
TSPC 050-124: 100 - 240 Vac; 1,1 - 0,7 A; 50/60 Hz  
TSPC 080-112: 100 - 120/220 - 240 Vac; 1,9/1,1 A; 50/60 Hz  
TSPC 080-124: 100 - 120/220 - 240 Vac; 1,7/1,0 A; 50/60 Hz  
TSPC 120-124: 100 - 120/220 - 240 Vac; 2,5/1,4 A; 50/60 Hz  
TSPC 120-148: 100 - 120/220 - 240 Vac; 2,8/1,5 A; 50/60 Hz  
TSPC 240-124: 100 - 120/220 - 240 Vac; 5,1/2,2 A; 50/60 Hz  
TSPC 240-148: 100 - 120/220 - 240 Vac; 5,4/2,4 A; 50/60 Hz  
TSPC 240-124UPS: 100 - 120/220 - 240 Vac; 5,1/2,5 A; 50/60 Hz  
(Battery input: 13,6 Vdc/30 A)  
TSPC 480-124: 100 - 120/220 - 240 Vac; 9,1/3,6 A; 50/60 Hz  
TSPC 480-148: 100 - 120/220 - 240 Vac; 9,1/4,1 A; 50/60 Hz

**Date:** 2021-01-18

**Authorized signature:** Bojan Pečavar



# Licence

## for the use of SIQ Type Approved certification mark

Number: SI-SIQ BG 007/085

### 12 V Output (adjustable from 12 – 14 Vdc)

#### TSPC 050-112:

- 12 Vdc; 4,0 A at 60°C
- 12 Vdc; 3,0 A at 70°C
- 12 Vdc; 4,8 A at 50°C (input voltage > 115 Vac)

#### TSPC 080-112:

- 12 Vdc; 6,6 A at 60°C
- 12 Vdc; 4,95 A at 70°C
- 12 Vdc; 7,92 A at 50°C (input voltage > 115 Vac)

### 24V Output (adjustable from 24 – 28 Vdc)

#### TSPC 050-124:

- 24 Vdc; 2,1 A at 60°C
- 24 Vdc; 1,58 A at 70°C
- 24 Vdc; 2,52 A at 50°C (input voltage > 115 Vac)

#### TSPC 080-124:

- 24 Vdc; 3,3 A at 60°C
- 24 Vdc; 2,5 A at 70°C
- 24 Vdc; 4,0 A at 50°C (input voltage > 115 Vac)

#### TSPC 120-124:

- 24 Vdc; 5,0 A at 60 °C
- 24 Vdc; 3,75 A at 70 °C
- 24 Vdc; 6,0 A at 50°C (input voltage > 115 Vac)

#### TSPC 240-124:

- 24 Vdc; 10,0 A at 60°C
- 24 Vdc; 7,5 A at 70°C
- 24 Vdc; 12 A at 50 °C (input voltage > 115 Vac)

#### TSPC 480-124:

- 24 Vdc; 20,0 A at 60 °C
- 24 Vdc; 15 A at 70°C
- 24 Vdc; 24 A at 50°C (input voltage > 115 Vac)

#### TSPC 240-124UPS:

- 24Vdc; 10,0 A at 60°C
- 24 Vdc; 12 A at 40°C

Date: 2021-01-18

Authorized signature: Bojan Pečavar



# Licence

## for the use of SIQ Type Approved certification mark

**Number:** SI-SIQ BG 007/085

### 48V Output (adjustable from 48 – 56 Vdc)

#### TSPC 120-148:

- 48 Vdc; 2,5 A at 60°C
- 48 Vdc; 1,88 A at 70°C
- 48 Vdc; 3,0 A at 50°C (input voltage > 115 Vac)

#### TSPC 240-148:

- 48 Vdc; 5,0 A at 60°C
- 48 Vdc; 3,75 A at 70°C
- 48 Vdc; 6,0 A at 50°C (input voltage > 115 Vac)

#### TSPC 480-148:

- 48 Vdc; 10,0 A at 60°C

### **Places of manufacture, inspection file number:**

The products are manufactured by TRACO POWER SOLUTIONS Ltd. Wexford, Ireland or its subcontractors as disclosed in document »Factory locations SI-SIQ BG 007/085«

### **Limitation:**

This SI-SIQ BG licence supersedes previously issued licence SI-SIQ BG 007/044, dated 2016-06-23, due to issue of new test reports.

**Date:** 2021-01-18

**Authorized signature:** Bojan Pečavar

