



# ANIMAL-CENTRIC LIGHTING SYSTEMS

## SPU-48 Transformer



- *Easy-to-use front panel with graphic display*
- *Durable design withstands tough environments*
- *Allows full control of dual channel lighting fixtures*

## Intelligent power supply for multicolor light solutions

The SPU-48 Transformer is suitable for controlling one (1) or two (2) 15-48VDC circuits. It has universal 115-240VAC power input capability for a high level of field flexibility. It features an easy-to-use front panel, with a graphic display, and a durable design.

The SPU-48 transformer has is made with aluminum housing and 6 M20/M16 cable inlets. Electrical performance is optimized with voltage stabilization, short circuit protection and alarm circuitry.

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Visit our website for more information: [www.once.lighting](http://www.once.lighting)

# Specifications and Ordering

## SPU-48 Power Supply Specifications

Nominal power	350W – (200 - 264VAC) 300W – (90 – 140VAC)
Input voltage	100VAC - 240VAC
Input frequency	50/60 Hz
Power input	3.5W
Power output	48V PWM or 24-48VDC
Power consumption tolerance	+/- 10%
Power Factor	0,98/230VAC 0,99/115VAC
Inrush current	85A at 230VAC 45A at 115VAC
Inrush time	10µs
Electrical protection	Overload, short-circuit, over voltage, low voltage
Control interface	10kOhm or external computersignal 0-10VDC, RS-485 (MODBUS)
Warranty period	3 years
HS-Code	85044082
Country of origin	Republic of Poland

## Ordering Information

SPU-48 | 929002100304

## Operating and Mechanical Specifications

Operating temperature	-20°C to 40°C / -4°F to 104°F
Maximum devices	190 ILU-LED lamps
	175 TULEX 90
	18 TULEX 120 HO
	87 TULEX 180 58 TULEX 240
Connection	Screw terminals, 7 cable inlets, (4) M20, (3) M16
Diameter	-
Height	95mm
Length	298/350mm
Width	175mm
Mount	External mounting tabs with holes
Housing material	Aluminum
Color	Grey

## Contact us

### or learn more at:

[www.once.lighting](http://www.once.lighting)

Am Südfeld 7

49377 Vechta

Germany

P +49 (0) 4441-8898-10

[info.germany@onceteam.com](mailto:info.germany@onceteam.com)

15255 23rd Ave. N.

Plymouth, MN 55447

United States of America

P +1 (763) 381-5621

[info@onceteam.com](mailto:info@onceteam.com)

Wloclawska 167

87-100 Tourn

Poland

P +48 (56) 699-5330

[info.poland@onceteam.com](mailto:info.poland@onceteam.com)

## Safety and Certifications

Electrical protection	Overload, short-circuit, over voltage, low voltage
Alarms	Over-load, short circuit, over-voltage, low-voltage, over-heating - red LED
CE mark	Yes
RoHS compliant	Yes
ANSI/UL STD 1598 and 8800	-
Can/CSA STD C22.2 NO 250.0	-
UL50E	-
ESČ	-
ENEC	-
CB	Yes
SASO (Saudi Arabia)	-
Flammability mark	-
IEC protection class	Class 1
IK impact rating	-
IP code	IP68



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