

## IT 0-10 150/100-277/4A2 P67 G A12

Constant Current Outdoor – Dimmable



### Product family features

- Compact Metal Case with Excellent Thermal Performance
- Full Power at Wide Output Current Range (Constant Power)
- Adjustable Output Current (AOC) with T4T (Tuner4TRONIC)
- Isolated 1(0)-5V/1(0)-10V/PWM/Resistor/AstroDIM(Timer) Dimmable
- Dim-to-Off with Standby Power  $\leq 0.5$  W
- Adjustable Dimming Curve
- End-of-Life Indicator
- Constant Lumen
- Input Surge Protection: DM 6kV, CM 10kV
- All-Around Protection: OVP, SCP, OTP

## Areas of application

- IP66/IP67 and UL Dry/Damp/Wet Location
- (Third party) control devices and sensors
- Suitable for luminaires of protection class I
- Street and urban lighting
- Industry

## Technical data

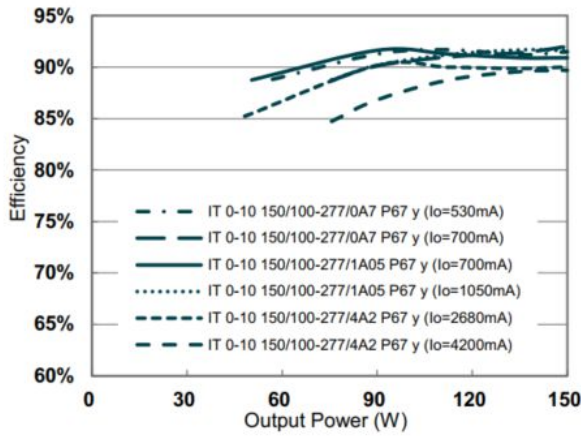
### Electrical data

Nominal input voltage	100...277 V
-----------------------	-------------

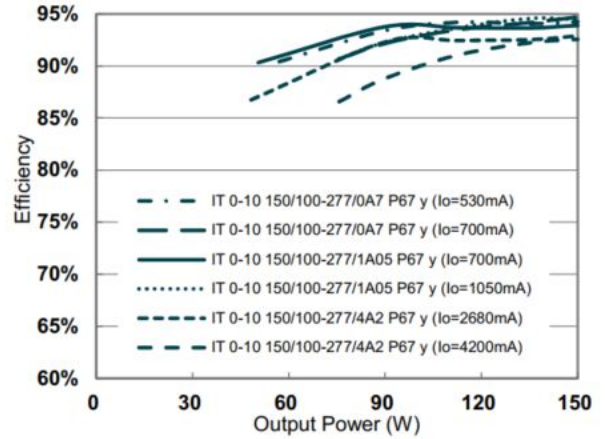
Typical Efficiency v Load 120 V 60 Hz

Typical Efficiency v Load 277 V 60 Hz

**Efficiency vs. Load@120Vac**



**Efficiency vs. Load@277Vac**



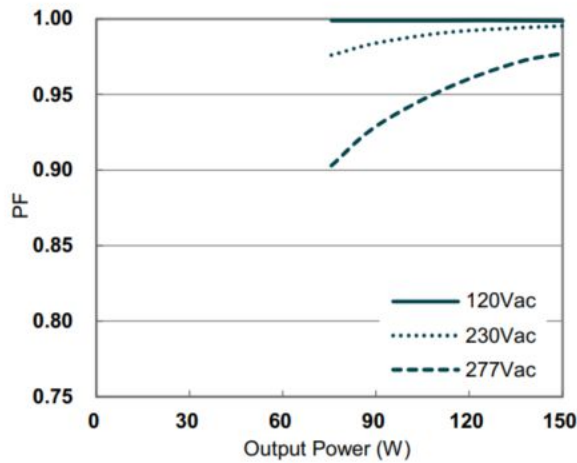
Efficiency vs Load@120Vac-IT 0-10 150 100-277 4A2 P67

Efficiency vs Load@277ac-IT 0-10 150 100-277 4A2 P67

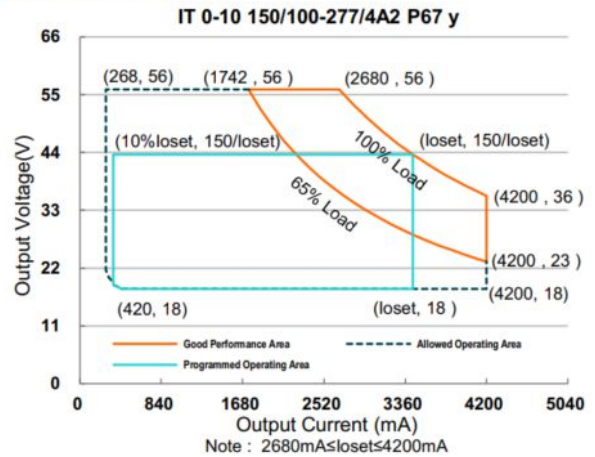
Typical Power Factor v Load

Operating Window

**Power Factor**



**Operating Window**

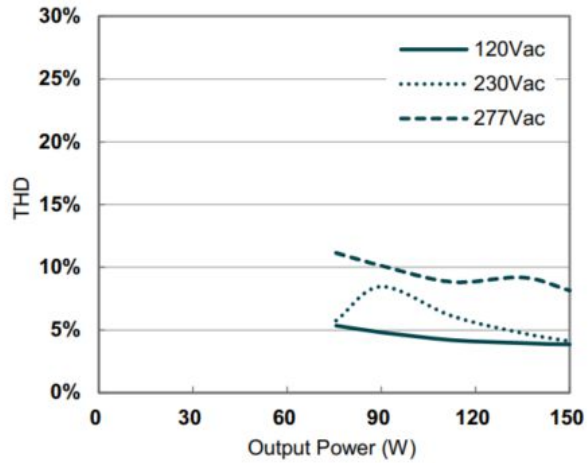


Power Factor vs Load-IT 0-10 150 100-277 4A2 P67

Operating Window-IT 0-10 150 100-277 4A2 P67

Typical THD v Load

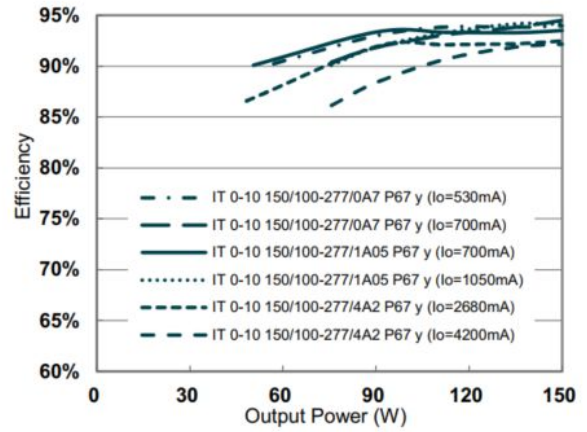
### Total Harmonic Distortion



THD vs. Load-IT 0-10 150 100-277 4A2 P67

Typical Efficiency v Load 230 V 50 Hz

### Efficiency vs. Load@230Vac



Efficiency vs Load@230ac-IT 0-10 150 100-277 4A2 P67



## Capabilities

Dimmable	Yes
----------	-----

## Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	30-03-2026
Primary Article Identifier	6937186127204
Declaration No. in SCIP database	In work
SCIP_ID	

---

## Download Data

File		
Product Datasheet	PDF	▶ DS-IT 0-10 150/100-277 P67 2025-09-17

## Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
6937186127204 INVENTRONICS	IT 0-10 150/100-277/4A2 P67 G A12	Shipping carton box 25 Pieces	490 x 300 x 305 mm	44.84 dm <sup>3</sup>	781.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit