





Product Service

# CERTIFICATE

No. B 057396 0355 Rev. 02

**Model(s):** ECP40UD01, ECP40UD02, ECP40UD03, ECP40UT01, ECP40UT02, ECP40UT03, ECP40UT04

**Brand Name:** XP



## Parameters:

Rated Input Voltage: 100-240 VAC  
 Rated Input Current: 1-0.5 A  
 Rated Input Frequency: 50/60 Hz  
 Protection Class: Class I or Class II at end use  
 Temperature, Ambient: 50°C at 100% rated load  
   70°C at 50% rated load  
 Elevation for Use: 0-3048 m above sea level

Each model is component power supply intended for use in Audio/Video, information and communication technology equipment. It is an open frame power supply intended for building-in.

## Output Rating:

Model Number	DC Output (V / A)			Maximum Output Power (W)
	Output 1	Output 2	Output 3	
ECP40UD01	5 VDC / 5 A	12 VDC / 2 A	—	40
ECP40UD02	5 VDC / 5 A	15 VDC / 1.5 A	—	40
ECP40UD03	5 VDC / 5 A	24 VDC / 1 A	—	40
ECP40UT01	5 VDC / 5 A	12 VDC / 2 A	-12 VDC / 0.5 A	40
ECP40UT02	5 VDC / 5 A	15 VDC / 1.5 A	-15 VDC / 0.5 A	40
ECP40UT03	5 VDC / 5 A	24 VDC / 1 A	12 VDC / 0.5 A	40
ECP40UT04	5 VDC / 5 A	24 VDC / 1 A	-12 VDC / 0.5 A	40

“—” indicated no such output exist for the respective models

## Model Differences:

Models ECP40UD series are identical to Models ECP40UT series except for output ratings, transformer secondary windings, some trimming secondary components, and model designation.

Models ECP40UD01 and ECP40UT01 using the same Transformer (TR1), Type 40UT01M.  
 Models ECP40UD02 and ECP40UT02 using the same Transformer (TR1), Type 40UT02M.  
 Models ECP40UD03, ECP40UT03 and ECP40UT04 using the same Transformer (TR1), Type 40UT03M.

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## Conditions of Acceptability:

When installing the equipment, all requirements of the standards and the manufacturer's specifications must be met.

The models require:

- The following output circuits are at ES1 energy levels: All DC Outputs
- The following output circuits are at PS2 energy levels: All DC Outputs
- The maximum investigated branch circuit rating is: 20 A
- The investigated Pollution Degree is: 2
- Proper bonding to the end-product main protective earthing termination is: Required
- The equipment is provided with a fuse in both the Line and Neutral of the primary circuit. Cautionary markings for service persons to be considered in the end-product.
- The following input terminals/connectors must be connected to the end-product supply neutral: CN 032
- The following end-product enclosures are required: Mechanical, Fire, Electrical
- The fire enclosure shall be rated V-0.
- The power supply was evaluated to be used at altitudes up to: 3048 m
- When installed in a Class I end product, the power supply shall be mounted in a manner that provides, at a minimum required Clearance and creepage distance between the primary side of power supply and protectively earthed accessible conductive parts.
- When installed in a Class II end product, the power supply shall be mounted in a manner that provides, at a minimum required Clearance and creepage distance between the primary side of power supply and accessible conductive parts.

**Tested according to:** EN 62368-1:2014/A11:2017

**Production Facility(ies):** 003227, 071712, 089850