iPowerSupply S 115-230VAC/48VDC 240W

The compact iPowerSupply perfectly complements Aginode Industrial Ethernet product portfolio. Due to the design, the wide-range inputs and the global approvals, the iPowerSupply is well suited for use in installations around the globe. The iPowerSupplies comply with high requirements for EMC and environmental conditions which allows its operation in very harsh environments.

Features

- Industrial power supply, input voltage 85...264V AC
- Nominal output voltage 48V DC and 54V DC for Power over Ethernet
- Adjustable output voltage from 30V DC up to 56V DC
- 240 Watts power output
- Easy assembly on the DIN-rail or wall
- Maximum energy efficiency thanks to low idling losses
- Quick startup with LED function monitoring
- High operating safety due to long mains buffering under full load and high MTBF (> 500,000 h)
- Can be used worldwide in all industrial sectors due to a wide-range input and an
- international approval package
- Extended operating temperature range: -25 @ 70 °C (> 55° C derating)
- Short circuit-/no-load protection
- Overload protection
- High Efficiency
- Parallel connection possible for increased performance and redundancy, with red. Modules

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The iPowerSupply is not only able to supply active systems, such as switches, with power, but also other Power over Ethernet enabled devices at the same time. Moreover a parallel connection of iPowerSupplies can be used to increase the power and realise redundancy. The reliability and efficiency of the iPowerSupply is underlined by a high electrical efficiency, low stand-by losses and high MTBF values.