

Switching Power Supply, 150W 22-150-200 Desktop series

Operational reliability

A low-cost, robust power supply with a proven record in numerous and varying applications. The attractive, well crafted metal enclosure not only copes very well with rough and harsh conditions, its inherent shielding properties are of value when EMC and EMI become an issue, in certain applications.



Easy output termination

The heavy-duty binding posts are good for easy termination. A through-hole in the shaft allows the easy feed-through of connecting wires, clamping it with a twist of the knurled and threaded plastic head. The binding posts can accommodate a 4mm banana jack, together with the wire in the shaft.

The power supply is a battery charger

The output voltage can precisely be adjusted to the value that keeps a standby-battery in a well charged, ready state. The maximal charge current will, in case of a fully discharged battery, not exceed the rated value of the power supply.

General

- Mains: 230VAC, AC-cord fixed, On-Off switch
- DC-termination: Heavy-duty binding posts or 2-way screw terminal
- Output: DC-voltage adjustable
- Fan speed load dependent, up to 6A convection cooled
- GS, CE, AU safety certs
- EMC/EMI compliance certs

Technical Specifications

MEC Article Number	22-12402-200	22-12602-200	22-12802-200	22-14702-100	22-12103-200
Rated input	230VAC	230VAC	230VAC	230VAC	230VAC
Lower adj. limit	10.8V	10.8V	10.8V	/	10.8V
Nominal output voltage	12V	12V	12V	13.8V	12V
Upper adj. limit	14.4V	14.4V	14.4V	/	14.4V
Nominal load current	4A	6A	8A	7A	10A
Operating temperature	0-40°C				
Dimension / Weight	152*110*42mm / 700g				174*112*45mm / 850g

Switching Power Supply, 150-200W

26-150-230 FlatPack series

Operational reliability

A robust power supply with a proven record in numerous and varying applications.

The attractive, well crafted metal enclosure not only copes very well with rough and harsh conditions, its inherent shielding properties are of value when EMC and EMI become an issue, in certain applications.



Easy output termination

The heavy-duty binding posts are good for easy termination. A through-hole in the shaft allows the easy feed-through of connecting wires, clamping it with a twist of the knurled and threaded plastic head.

The binding posts can accommodate a 4mm banana jack, together with the wire in the shaft.

The power supply is a battery charger

The output voltage can precisely be adjusted to the value that keeps a standby-battery in a well charged, ready state. The maximal charge current will, in case of a fully discharged battery, not exceed the rated value of the power supply.

General

- Mains: 100...240VAC, IEC 3-pin terminal, On-Off switch
- DC-termination: Heavy-duty binding posts or 2-way screw terminal
- Output: DC-voltage adjustable
- Fan speed load dependent, up to 6A convection cooled
- GS, CE, AU safety certs
- EMC/EMI compliance certs

Technical Specifications

MEC Article Number	26-12402-230	26-12602-230	26-12103-230	26-12153-270	26-24302-230	26-24502-230
Rated input	100-240VAC	100-240VAC	100-240VAC	100-240VAC	100-240VAC	100-240VAC
Lower adj. limit	10.8V	10.8V	10.8V	10.8V	21.6V	21.6V
Nominal output voltage	12V	12V	12V	12V	24V	24V
Upper adj. limit	14.4V	14.4V	14.4V	14.4V	28.8V	28.8V
Nominal load current	4A	6A	10A	15A	3A	5A
Operating temperature	0-40°C					
Dimension / Weight	175*110*36mm / 750g					

Switching Power Supply, 300W 22-300-270 Desktop series

Operational reliability

A robust power supply with a proven record in numerous and varying applications.

The attractive, well crafted metal enclosure not only copes very well with rough and harsh conditions, its inherent shielding properties are of value when EMC and EMI become an issue, in certain applications.



Reliable output termination

The 4-way screw terminal block will ensure that large currents are conducted with little loss.

Rugged plastic spacers between the terminal poles and the mounting panel provide the insulation for a secure, dependent operation.

The power supply is a battery charger

The output voltage can precisely be adjusted to the value that keeps a standby-battery in a well charged, ready state. The maximal charge current will, in case of a fully discharged battery, not exceed the rated value of the power supply.

General

- Mains: 100...240VAC, IEC 3-pin terminal, On-Off switch
- Active PFC: 0.99
- DC-termination: 4-way screw terminal
- Output: DC-voltage adjustable
- Fan speed load dependent
- GS, CE, AU safety certs
- EMC/EMI compliance certs

Technical Specifications

MEC Article Number	22-12153-270	22-12213-270	22-24802-270	22-24113-270	22-36702-270	22-24552-270
Rated input	100-240VAC	100-240VAC	100-240VAC	100-240VAC	100-240VAC	100-240VAC
Lower adj. limit	10.8V	10.8V	21.6V	21.6V	32.4V	43.2V
Nominal output voltage	12V	12V	24V	24V	36V	48V
Upper adj. limit	14.4V	14.4V	28.8V	28.8V	43.2V	57.6V
Nominal load current	15A	21A	8A	11A	7A	5.5A
Operating temperature	0-40°C					
Dimension / Weight	226*112*52mm / 1.3kg					

Switching Power Supply, 300W 26-300-270 D-Pack series

Operational reliability

A robust power supply with a proven record in numerous and varying applications. The attractive, well crafted metal enclosure not only copes very well with rough and harsh conditions, its inherent shielding properties are of value when EMC and EMI become an issue, in certain applications.



Easy output termination

The heavy-duty binding posts are good for easy termination. A through-hole in the shaft allows the easy feed-through of connecting wires, clamping it with a twist of the knurled and threaded plastic head. The binding posts can accommodate a 4mm banana jack, together with the wire in the shaft.

The power supply is a battery charger

The output voltage can precisely be adjusted to the value that keeps a standby-battery in a well charged, ready state. The maximal charge current will, in case of a fully discharged battery, not exceed the rated value of the power supply.

General

- Mains: 100...240VAC, IEC 3-pin terminal, On-Off switch
- Active PFC:0.99
- DC-termination: Heavy-duty binding posts or 2-way screw terminal
- Output: DC-voltage adjustable
- Fan speed load dependent
- GS, CE, AU safety certs
- EMC/EMI compliance certs

Technical Specifications

MEC Article Number	26-12213-270
Rated input	100-240VAC
Lower adj. limit	10.8V
Nominal output voltage	12V
Upper adj. limit	14.4V
Nominal load current	21A
Operating temperature	0-40°C
Dimension / Weight	238*130*58mm / 1.4kg

Switching Power Supply, 700W 26-700-270 V-Pack series

Operational reliability

A robust power supply with a proven record in numerous and varying applications. The attractive, well crafted metal enclosure not only copes very well with rough and harsh conditions, its inherent shielding properties are of value when EMC and EMI become an issue, in certain applications.



Reliable output termination

The massive 2-way screw terminal block, with its solid hexagon screws threading into heavy shafts of brass, will ensure that large currents are conducted with little loss. Rugged plastic spacers between the terminal poles and the mounting panel provide the insulation for a secure, dependent operation.

The power supply is a battery charger

The output voltage can precisely be adjusted to the value that keeps a standby-battery in a well charged, ready state. The maximal charge current will, in case of a fully discharged battery, not exceed the rated value of the power supply.

General

- Mains: 100...240VAC, IEC 3-pin terminal, On-Off switch
- Active PFC:0.99
- DC-termination: Heavy-duty binding posts
- Output: DC-voltage adjustable
- Fan speed load dependent
- GS, CE, AU safety certs
- EMC/EMI compliance certs

Technical Specifications

MEC Article Number	26-12503-270	26-24253-270
Rated input	100-240VAC	100-240VAC
Lower adj. limit	10.8V	21.6V
Nominal output voltage	12V	24V
Upper adj. limit	14.4V	28.8V
Nominal load current	50A	25A
Operating temperature	0-40°C	
Dimension / Weight	297*170*75mm / 2.9kg	

Din-Rail Power Supply, 25...150W 23-150-230 series



General information

The power supply series is prepared for DIN-Rail mounting. They are installed in stable plastic cases and are protected according to IP20.

The mains input of the units is a wide range input of 100 up to 240V AC. So this series can be used worldwide without any switching.

The output voltage can be adjusted potentiometer on the front in the range of -5% to +5% of the rated output voltage. The units are short circuit, overload and over temperature protected.

LED states

- LED continuously on: unit normal working;
- LED slowly flashing: over temperature protected, turn on when the unit heat returns to normal temperature.
- LED flashing: overload protected.

Technical Specifications

MEC Article Number	23-24751-230	23-24102-230	23-24202-230	23-24302-230	23-24502-230
Nominal input voltage	100-240V	100-240V	100-240V	100-240V	100-240V
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Output voltage	24V	24V	24V	24V	24V
Output current	0.75A	1A	2A	3A	5A
Adjustable Voltage range	22.8-25.2V	22.8-25.2V	22.8-25.2V	22.8-25.2V	22.8-25.2V
Stability 10...90% load	≤3%	≤3%	≤3%	≤3%	≤3%
Ripple	≤100mVpp	≤35mVpp	≤35mVpp	≤35mVpp	≤35mVpp
Efficiency	>73%	>80%	>82%	>83%	>83%
Dimension mm	17 x 90 x 64	35 x 90 x 64	70 x 90 x 64	105 x 90 x 64	157 x 90 x 64
Weight	64g	132g	214g	367g	477g