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## KLP-12P36

**Stock Keeping Unit (SKU):** 618080

*36W Plastic Enclosure Power Supply, 12V 3A*

### Commercial Information

Product Sales Code	<b>618080</b>
Package Unit	<b>1 Unit</b>
Customs Tariff Number	<b>850440829019</b>
Weight Per Unit Including Packaging	<b>0,15 kg.</b>

### Technical Information

GENERAL FEATURES	
Enclosure Material	<b>Plastic [PC ] [UL 94 V-0 rated]</b>
Signal	<b>Green LED DC ON</b>
Connection Method	<b>Screw Connection</b>
Enclosure Rating	<b>IP20 [IEC 60529]</b>
Operating Temperature	<b>-30°C up to +70 °C</b>
Storage Temperature	<b>-40°C up to +85 °C</b>
Humidity at 25 °C- no condensation	<b>&lt; 95°/o RH</b>
Mounting	<b>DiN rails TH35x7.5 - TH35x15</b>
Terminal Cross Section	<b>2.5 mm<sup>2</sup> (24 -14 - AWG)</b>
Short-circuit protection	<b>Available (Auto Restart Mode)</b>
Output Protection	<b>at 115-145% (automatic recovery)</b>

Voltage Tolerance	<1%
Line Regulation	<1%
Load Regulation	<1%
Safety Standards	<b>IEC62368-1</b>
Altitude (Operating)	<b>2000m maximum</b>
Pollution Degree	<b>Pollution degree 2</b>

## PRODUCT LIST

Output Voltage	<b>12 V</b>
Output Current	<b>3 A</b>
Output Power	<b>36 W</b>
Width	<b>36 mm</b>

## INPUT VALUES

Voltage Range	<b>100-265 V AC</b>
Frequency	<b>47....63 Hz</b>
Efficiency (100 V AC)	<b>87,0 %</b>
Efficiency (230 V AC)	<b>89,0 %</b>
AC Current (RMS-MAX) (100 V AC)	<b>0,55 A</b>
AC Current (RMS-MAX) (230 V AC)	<b>0,25 A</b>
Inrush Current (Cold Start) (100 V AC)	<b>10 A</b>
Inrush Current (Cold Start) (100 V AC) (230 V AC)	<b>18,0 A</b>

## PROTECTION INFORMATION

Over Voltage (Input)	<b>300VACOV+280VACOV-</b>
Under Voltage (Input)	<b>65VAC UV+55VAC UV-</b>
Over Voltage (Output)	<b>15.5-16 V</b>
Output Power	<b>36 W</b>
Overload Protection	<b>Device enters restart mode when the output power is between 115-145% of the rated value and automatically recovers after the fault condition is removed.</b>

## OUTPUT VALUES

DC Voltage	<b>12 V</b>
Rated Current	<b>3 A</b>
Current Range	<b>0-3 A</b>
Ripple (Max)	<b>&lt;120mVp-p</b>
Voltage Adj. Range	<b>1.8 - 13.8 V</b>
Setup-Rise Time (100 V AC)	<b>100 - 20 ms</b>
Setup-Rise Time (230 V AC)	<b>100-30 ms</b>
Hold Up Time (100 V AC)	<b>25 ms</b>
Hold Up Time (230 V AC)	<b>100 ms</b>
Output Power	<b>36 W</b>

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