



## Input

Voltage	Rated Voltage: 100 ~ 240Vac Variation Range: 90 ~ 264Vac
Frequency	Rated Frequency: 50/60Hz Variation Frequency: 47/63 Hz
Current	1.5A max at any input voltage and rated, DC output rated load
AC Leakage Current	0.25mA Max at 264Vac input

## Output

Power Output

Voltage (Vdc)	Min Load (A)	Rated Load (A)	Peak Load	Output Power (W)
6 to 12	0.00	5.0		60 Max
13.5 to 15	0.00	3.8		57 Max
16	0.00	3.5		56 Max

Combined Load / Line Regulation

Voltage (Vdc)	Min Load (A)	Rated Load (A)	Line Regulation (%)	Load Regulation
6 to 12	0.00	5.0	±3%	±10%
13.5 to 15	0.00	3.8	±3%	±5%
16	0.00	3.5	±3%	±5%

## Ripple and Noise

Output Ripple voltage is **250mV** peak to peak or less (115Vac 60Hz / 230Vac 50Hz).

Turn on Delay Time	3000ms max at 100Vac input and output max. load.
Rise Time	40ms max at 115Vac input and output max. load.
Hold Up Time	5ms min. at 115Vac input and output max load.

Efficiency level at both 115Vac and 230Vac input and output max. load.

Voltage (V)	Efficiency (%)
6	87.70%
7.5	88.42%
9	88.85%
12	89.00%
13.5	89.00%
15	89.00%
16	89.00%

Standby Power

Rated Voltage	100 ~ 240Vac 0.21W max
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## Protection Function

Short Circuit Protection: The power supply will be auto recovered when short circuit faults removed.

## Environmental Requirement

Operating Temperature	0°C to 40°C (full load, normal operation)
Storage Temperature	-10°C to 80°C
Relative Humidity	25% (0°C) ~ 75% (40°C) RH, 72hrs (full load, normal operation)

## Safety and EMC Requirement

Safety requirement

a. Dielectric Withstand Hi-Pot

Primary to secondary	3000 Vac, 5mA for 1 minute
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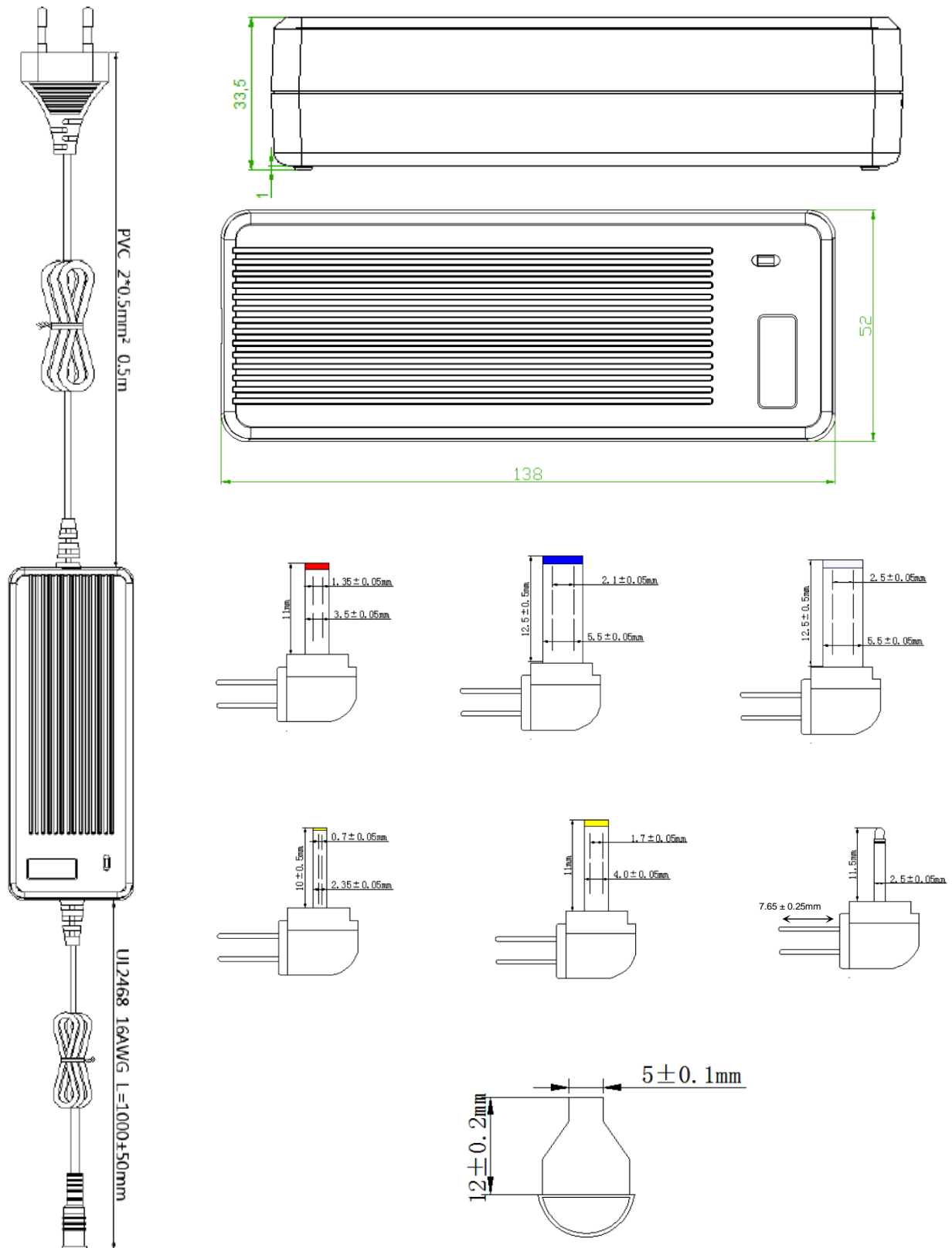
b. Insulation resistance :

Primary to secondary	100 MΩ for 500 Vdc
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## Mechanical

Cable Type	Black UL 2468 16 AWG (wire + plug) Plug : 6 output plugs available
Cable Length	Input: PVC 2 x 0.5mm <sup>2</sup> , 0.5m length. Output: 1.0m length ± 0.05m
Case Dimension	138mm (L) * 52mm (W) * 33.5mm (H)
External Appearance	As drawing below (scale → mm)

## Drawing Specifications



Art. Nr.  
RND 320-00114