Switch mode power supplies
12ADA series
Max. output power 12W

This product is intended for general use to feed electric and electronic devices in covered rooms, in environments without risk of explosion.

Suitable to place inside cameras of security systems

Mounting with self-adhesive tape

Stabilized output voltage

Voltage range from 3,1V to 48V

Input - twin-lead power wire with double insulation
Output - twin-lead wire

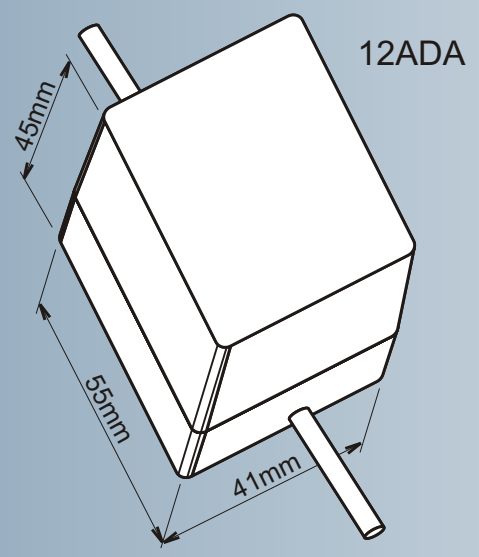
Protection degree IP20

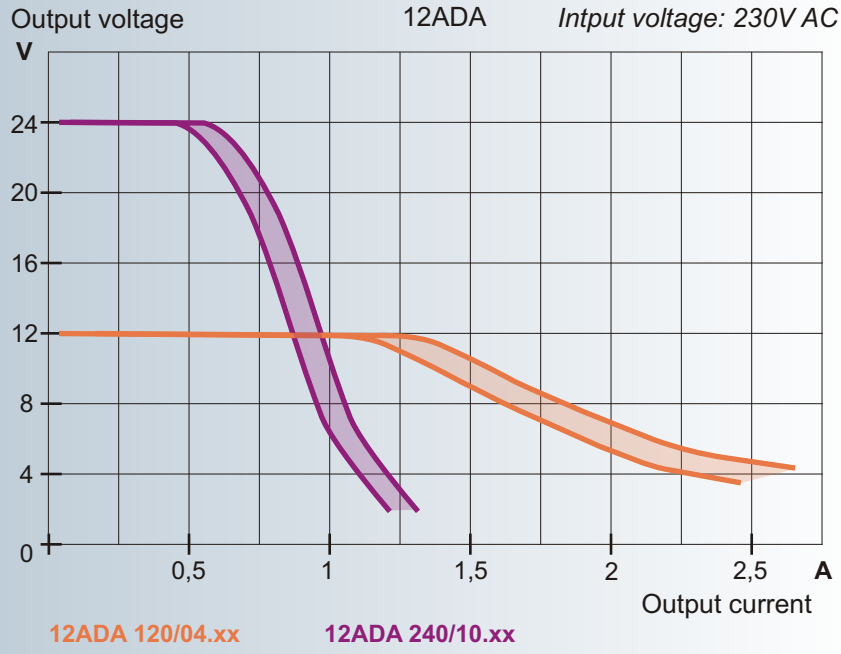
	Output voltage	Output current	Stability	Ripple 50 Hz max.	Noise p-p max.
12ADA030/10.xx	3,1 V	1 A	2 %	<70 mV	<100 mV pp
12ADA050/10.xx	5,1 V	1 A	2 %	<70 mV	<100 mV pp
12ADA069/10.xx	6,9 V	1 A	2 %	<70 mV	<100 mV pp
12ADA090/10.xx	9 V	1 A	1 %	<50 mV	<100 mV pp
12ADA120/10.xx	12 V	1 A	1 %	<50 mV	<100 mV pp
12ADA138/08.xx	13,8 V	0,8 A	1 %	<50 mV	<100 mV pp
12ADA150/07.xx	15 V	0,7 A	1 %	<60 mV	<100 mV pp
12ADA180/06.xx	18 V	0,6 A	1 %	<60 mV	<100 mV pp
12ADA240/04.xx	24 V	0,4 A	1 %	<60 mV	<100 mV pp
12ADA276/03.xx	27,6 V	0,3 A	1 %	<60 mV	<100 mV pp
12ADA480/02.xx	48 V	0,25 A	1 %	<70 mV	<100 mV pp

.xx - double-digit number define type of connector on output wire
.00 - without output connector

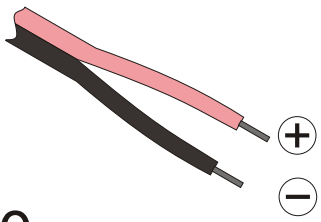
TECHNICAL SPECIFICATION	
Input voltage	195 - 255 V AC
Operating temperature	-15 °C to +40 °C
Short-circuit protection on output	< 1 min. (short-term)
Insulation voltage	3 000 V AC
Weight	130 g
Electrical safety standard	EN 60950-1:2003
EMC standards	EN 55011+A1:2002
	EN 61000-3-2:2002
	EN 61000-3-3:2000+A1:2003
	EN 61000-6-1:2003

S PoweR product s.r.o.
Odborárska 52, P.O.BOX 24, 830 03 Bratislava 33, SLOVAKIA
tel: + 421 2 4445 8319, fax: + 421 2 4445 7882
e-mail: spower@spowerba.sk
http://www.spower-prod.sk



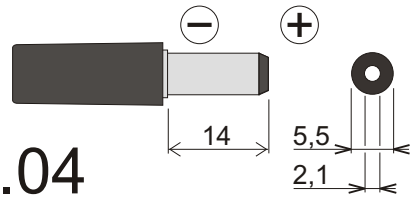


Customer can choose the type of connector after consultation with manufacturer.



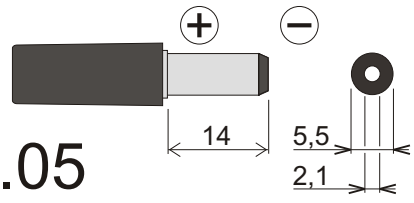
.00 Without connector

Output wire - 30cm



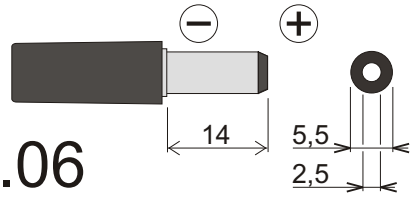
.04

Output wire - 30cm



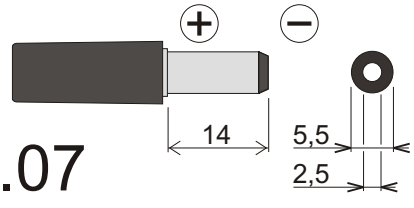
.05

Output wire - 30cm



.06

Output wire - 30cm



.07

Output wire - 30cm

. . . mounting with self-adhesive tape series 12ADA

This method of mounting without usage of tools and such operations as drilling is usable to advantage especially with additional installation into electric and electronic devices, e.g. placing the power supply directly into camera cover.

Switch mode power supplies
12ADR series
Max. output power 12W

This product is intended for general use to feed electric and electronic devices in covered rooms, in environments without risk of explosion.

DIN-rail mounting

Stabilized output voltage

Voltage range from 3,1V to 48V

Input - clamps
Output - clamps

Protection degree IP00

	Output voltage	Output current	Stability	Ripple 50 Hz max.	Noise p-p max.
12ADR030/10	3,1 V	1 A	2 %	<70 mV	<100 mV pp
12ADR050/10	5,1 V	1 A	2 %	<70 mV	<100 mV pp
12ADR069/10	6,9 V	1 A	2 %	<70 mV	<100 mV pp
12ADR090/10	9 V	1 A	1 %	<50 mV	<100 mV pp
12ADR120/10	12 V	1 A	1 %	<50 mV	<100 mV pp
12ADR138/08	13,8 V	0,8 A	1 %	<50 mV	<100 mV pp
12ADR150/07	15 V	0,7 A	1 %	<60 mV	<100 mV pp
12ADR180/06	18 V	0,6 A	1 %	<60 mV	<100 mV pp
12ADR240/04	24 V	0,4 A	1 %	<60 mV	<100 mV pp
12ADR276/03	27,6 V	0,3 A	1 %	<60 mV	<100 mV pp
12ADR480/02	48 V	0,25 A	1 %	<70 mV	<100 mV pp

TECHNICAL SPECIFICATION	
Input voltage	195 - 255 V AC
Operating temperature	-15 °C to +40 °C
Short-circuit protection on output	< 1 min. (short-term)
Insulation voltage	3 000 V AC
Weight	130 g
Electrical safety standard	EN 60950-1:2003
EMC standards	EN 55011+A1:2002
	EN 61000-3-2:2002
	EN 61000-3-3:2000+A1:2003
	EN 61000-6-1:2003

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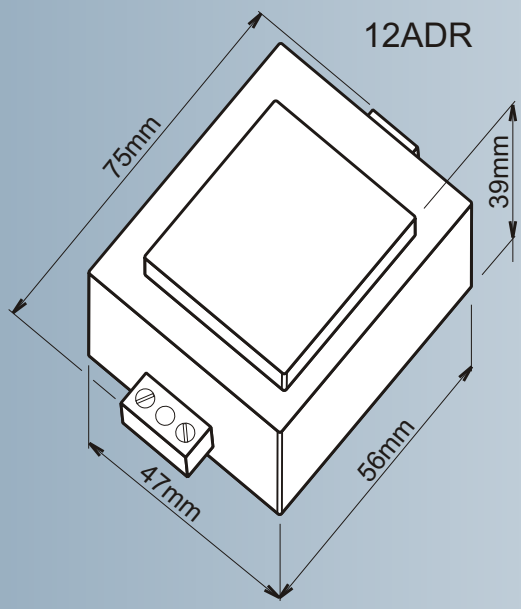
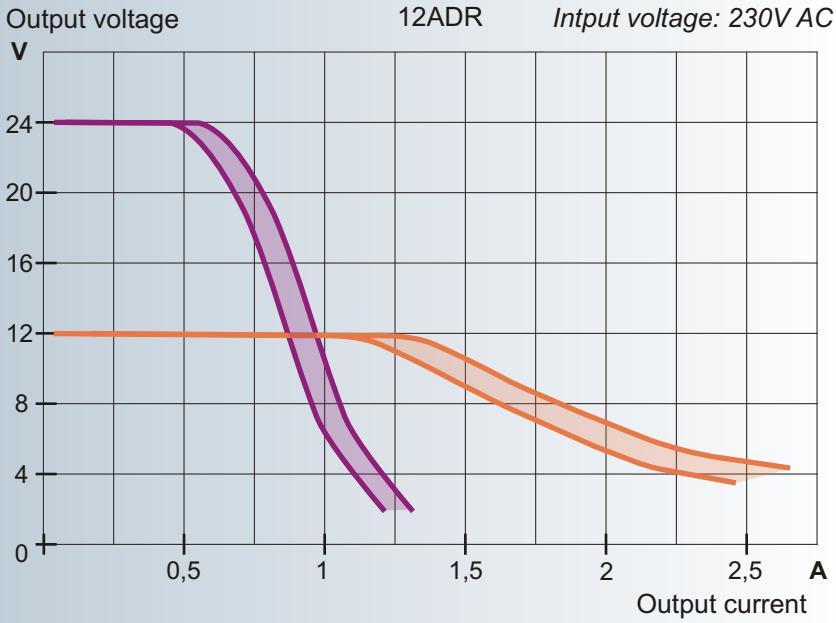
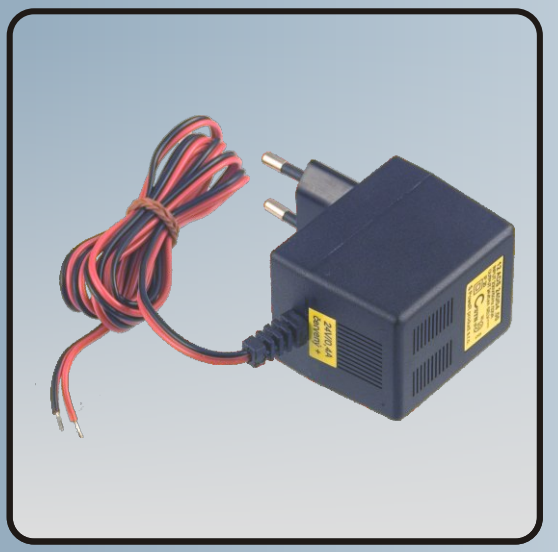




Switch mode power supplies

12ADS series

Max. output power 12W



This product is intended for general use to feed electric and electronic devices in covered rooms, in environments without risk of explosion.

Power supplies are PLUG-IN type

Stabilized output voltage

Voltage range from 3,1V to 48V

Output - twin-lead wire

Protection degree IP20

	Output voltage	Output current	Stability	Ripple 50 Hz max.	Noise p-p max.
12ADS030/10.xx	3,1 V	1 A	2 %	<70 mV	<100 mV pp
12ADS050/10.xx	5,1 V	1 A	2 %	<70 mV	<100 mV pp
12ADS069/10.xx	6,9 V	1 A	2 %	<70 mV	<100 mV pp
12ADS090/10.xx	9 V	1 A	1 %	<50 mV	<100 mV pp
12ADS120/10.xx	12 V	1 A	1 %	<50 mV	<100 mV pp
12ADS138/08.xx	13,8 V	0,8 A	1 %	<50 mV	<100 mV pp
12ADS150/07.xx	15 V	0,7 A	1 %	<60 mV	<100 mV pp
12ADS180/06.xx	18 V	0,6 A	1 %	<60 mV	<100 mV pp
12ADS240/04.xx	24 V	0,4 A	1 %	<60 mV	<100 mV pp
12ADS276/03.xx	27,6 V	0,3 A	1 %	<60 mV	<100 mV pp
12ADS480/02.xx	48 V	0,25 A	1 %	<70 mV	<100 mV pp

.xx - double-digit number defines type of connector on output wire
.00 - without output connector

TECHNICAL SPECIFICATION	
Input voltage	195 - 255 V AC
Operating temperature	-15 °C to +40 °C
Short-circuit protection on output	< 1 min. (short-term)
Insulation voltage	3 000 V AC
Weight	130 g
Electrical safety standard	EN 60950-1:2003
EMC standards	EN 55011+A1:2002
	EN 61000-3-2:2002
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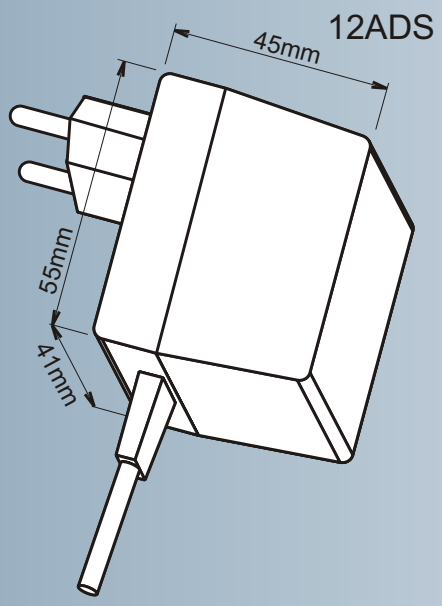
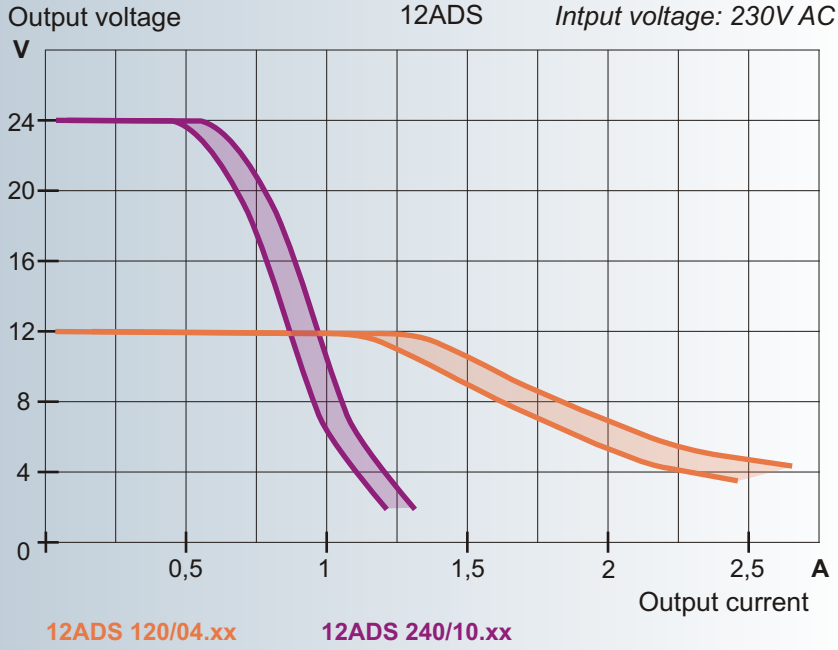
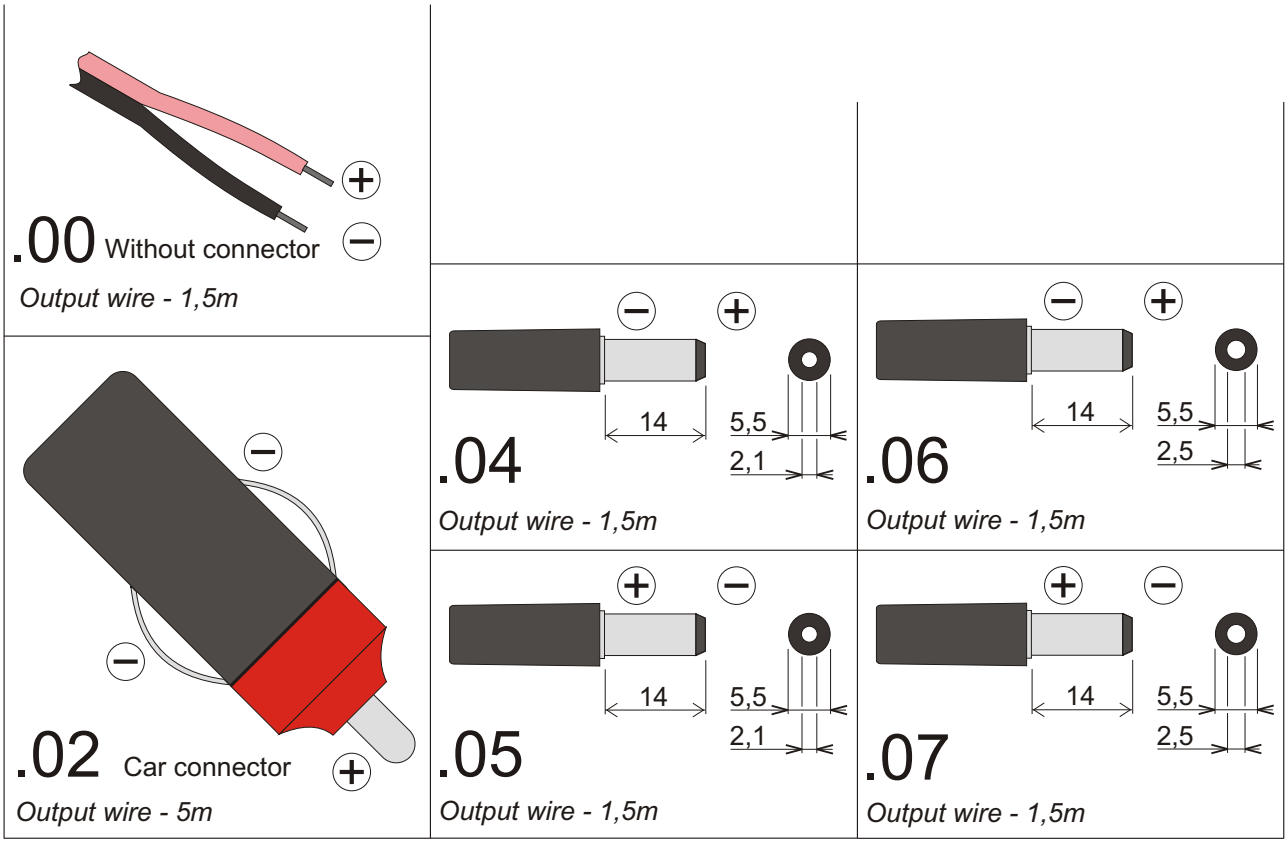




Customer can choose the type of connector after consultation with manufacturer.



. . . usage of car connector .02

Using of car connector, e.g. for 13,8 V power supplies of type 12ADS makes it possible, among other, to maintain accumulators in charged state directly in vehicle through lighter connector or through specially for this purpose led out connector. It can be used to advantage with fire service vehicles, that have to be always ready to drive out and while parking startup accumulators lose capacity due to self discharge and in winter also because of low temperature.