adler power

Power supplies catalogue

2021

ADLS

12V, 24V / 40W — 360W

Features:

- Constant voltage design
- Universal AC input / Full range
- Protections:
  - Short circuit
  - Overload
  - Over voltage
  - Over temperature
- Cooling by free air convection
- Slim case size
- Low price

Model	ADLS-40-12 / ADLS-40-24	ADLS-60-12 / ADLS-60-24	ADLS-80-12 / ADLS-80-24	ADLS-100-12 / ADLS-100-24	ADLS-120-12 / ADLS-120-24
Rated Voltage	12V / 24V	12V / 24V	12V / 24V	12V / 24V	12V / 24V
Rated Current	3A / 1.7A	5A / 2.5A	6.7A / 3.35A	8.5A / 4.2A	10A / 5A
Rated Power	36W / 40.8W	60W	80.4W	102W / 100.8W	120W
Voltage Adjustment	10.8 ÷ 13.2V / 21.6 ÷ 26.4V				
Dimensions [L × W × H]	120 x 46 x 32mm	160 × 41 × 32mm	160 x 41 x 32mm	188 x 46 x 34mm	188 x 46 x 34mm
Weight	0.17kg	0.18kg	0.19kg	0.24kg	0.24kg

Features:

- Constant voltage design
- Universal AC input / Full range
- Protections:
  - Short circuit
  - Overload
  - Over voltage
  - Over temperature (except ADLS-200)
- Cooling by free air convection (except ADLS-240, ADLS-360 this model has forced air cooling by built-in DC fan)
- Slim case size
- Low price

Model	ADLS-150-12 / ADLS-150-24	ADLS-200-12 / ADLS-200- 24	ADLS-240-12	ADLS-360-12
Rated Voltage	12V / 24V	12V / 24V	12V	12V
Rated Current	12.5A / 6.25A	17A / 8.33A	20A	30A
Rated Power	150W	204W / 199.9W	240W	360W
Voltage Adjustment	11.4 ÷ 13.2V / 21.6 ÷ 26.4V	10.8 ÷ 13.4V / 21.6 ÷ 26.4V	11.4 ÷ 13.2V	10.5 ÷ 13.5V
Dimensions [L × W × H]	200 × 58 × 36mm	223 x 68 x 40mm	223 x 71.5 x 36mm	223 x 68 x 40mm
Weight	0.37kg	0.50kg	0.54kg	0.55kg

ADL

12V / 15W — 60W

Features:

- Constant voltage design
- Universal AC input / Full range
- Protections:
  - Short circuit
  - Overload
  - Over voltage
- Cooling by free air convection
- Compact size
- Low price

Model	ADL-15-12	ADL-25-12	ADL-40-12	ADL-60-12
Rated Voltage	12V	12V	12V	12V
Rated Current	1.25A	2.1A	3A	5A
Rated Power	15W	25W	36W	60W
Voltage Adjustment	10.8 ÷ 13.2V	10.8 ÷ 13.2V	11.5 ÷ 13V	10.5 ÷ 13V
Dimensions [L × W × H]	77 × 47 × 20mm	85 x 58 x 37mm	85 x 58 x 37mm	85 x 58 x 37mm
Weight	0.095kg	0.12kg	0.13kg	0.14kg

ADL

12V / 150W — 500W

Features:

- Constant voltage design
- Universal AC input / Full range (ADL-150-12)
- European AC input / Full range (ADL-200-12S & ADL-500-12)
- Protections:
  - Short circuit
  - Overload
  - Over temperature (ADL-200-12S)
- Cooling by free air convection
- Compact size
- Low price

Model	ADL-150-12	ADL-200-12S	ADL-500-12
Rated Voltage	12V	12V	12V
Rated Current	12.5A	16.5A	41.6A
Rated Power	150W	198W	500W
Voltage Adjustment	10.8 ÷ 13.2V	10.8 ÷ 13.2V	10.8 ÷ 13.2V
Dimensions [L × W × H]	199 × 98 × 42mm	160 x 98 x 42mm	240 x 125 x 65mm
Weight	0.51kg	0.45kg	1.40kg

AD12

12V / 30W — 60W

Features:

- Constant voltage design
- Universal AC input / Full range
- Protections:
  - Short circuit
  - Overload
  - Over voltage
  - Over temperature
- Cooling by free air convection
- Compact size
- Low price

Model	AD12-2501	AD12-3751	AD12-5001
Rated Voltage	12V	12V	12V
Rated Current	2.5A	3.75A	5A
Rated Power	30W	45W	60W
Dimensions [L × total L × W × H]	202 × 220 × 30 × 21mm	222 × 240 × 40.5 × 23mm	152 × 180 × 71.5 × 38mm
Weight	0.32kg	0.40kg	0.85kg

SMLD

12V / 30W — 60W

Features:

- Constant voltage design
- European AC input range
- Protections:
  - Short circuit
  - Overload
- Cooling by free air convection
- Only 20mm width

Model	SMLD-30-12	SMLD-48-12	SMLD-60-12
Rated Voltage	12V	12V	12V
Rated Current	2.5A	4A	5A
Rated Power	30W	48W	60W
Dimensions [L × W × H]	227 x 20 x 20mm	307 x 20 x 20mm	307 x 20 x 20mm
Weight	0.17kg	0.22kg	0.24kg

ADM

12V, 24V / 12W — 100W

Features:

- Constant voltage design
- Universal AC input / Full range
- Protections:
  - Short circuit
  - Overload
  - Over voltage
  - Over temperature (ADM6012)
- Cooling by free air convection
- Plastic case, IP20 protection
- Low price

Model	ADM1212 / ADM1224	ADM2412 / ADM2424	ADM3612 / ADM3624	ADM6012 / ADM6024	ADM8012 / ADM8024	ADM10012 / ADM10024
Rated Voltage	12V / 24V	12V / 24V	12V / 24V	12V / 24V	12V / 24V	12V / 24V
Rated Current	1A / 0.5A	2A / 1A	3A / 1.5A	5A / 2.5A	6.67A / 3.33A	8.25A / 4.13A
Rated Power	12W	24W	36W	60W	80W	100W
Dimensions [L × W × H]	89 × 39 × 23mm	115 x 44 x 28mm	140 x 45 x 29mm	166 x 45 x 29mm	166 x 45 x 29mm	166 x 45 x 29mm
Weight	0.05kg	0.10kg	0.15kg	0.175g	0.180kg	0.18kg

ADWS

12V, 24V / 100W — 300W

Features:

- Constant voltage design
- European AC input range
- Protections:
  - Short circuit
  - Over current
  - Over temperature
- Cooling by free air convection
- Thin case design
- Fully encapsulated with IP67 level [5]

Model	ADWS-100-12 / ADWS-100-24	ADWS-150-12 / ADWS-150- 24	ADWS-200-12 / ADWS-200- 24	ADWS-250-12 / ADWS-250- 24	ADWS-300-12 / ADWS-300- 24
Rated Voltage	12V / 24V	12V / 24V	12V / 24V	12V / 24V	12V / 24V
Rated Current	8.3A / 4.17A	12.5 A / 6.25 A	8.3 A / 4.17 A	21 A / 10.5 A	25 A / 12.5 A
Rated Power	99.6W / 100.08W	150W	200.4W / 201.6W	252W	300W
Dimensions [L × W × H]	182 x 62 x 17mm	208 x 58 x 32mm	238 x 57 x 32mm	228 x 72 x 32mm	
Weight	0.40kg	0.77kg	0.88kg	1.10kg	

UPS
400W - 1000W

Features:
- Automatic charger
- Easy user interface
- Cold start
- Wall mounted
- For heating systems, off-grid solar systems, home electronics
- Compact size

Model	CO-sinusUPS-400W	CO-sinusUPS-400W-WM	Co-sinusUPS-600W-LCD	CO-sinusUPS-1000W-LCD
Rated Power	400W / 500VA	400W / 500VA	600W / 800VA	1000W / 1200VA
Output waveform	Pure sine wave		True sinus	Modified sine wave
Charging current (max.)	6A		10A / 20A	10A / 20A
Type and capacity of battery	12V 26-100Ah (External)	12V 26-100Ah (External)	12V 55-200Ah (External)	12V 55-200Ah (External)
Working Temperature	0°C ÷ 40°C			
Mountage	standalone	wall mounted	standalone	standalone
Dimensions [L × W × H]	246 x205 x 104mm		290.35 x 257.5 x 120mm	290.35 x 257.5 x 120mm
Weight	6kg		7.60kg	7.60kg

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