

100W Enclosed Power Supply



Key Features:



- ▲ Naturally Air-cooled.
- ▲ Protection: short circuit/over load/over voltage/over temperature.
- ▲ 3-Years Product Warranty.

Input Voltage Range	185-264VAC
Input Frequency	47-63 Hz
Input Inrush Current	< 65A max.(230VAC)
Input Leakage Current	< 3.5mA/240VAC
Line Regulation	± 1%
Hold-up Time	20 ms min.
Protection Over Load	105-150% rated output power
Operating Temperature	-10°C to +60°C
Storage Temperature	-25°C to +85°C
Safety Standards	UL60950, EN60950
EMI	EN55011 class B, EN55022 class B
Dimension(LxWxH)	160X98X39mm
Weight	480g

Model	DC output	Tol.	R&N	Efficiency
ESE100-12M	12V 8.3A	±2%	100mV	84%
ESE100-24M	24V 4.2A	±2%	150mV	85%
ESE100-48M	48V 2.1A	±2%	150mV	86%

150W Enclosed Power Supply



Key Features:



- ▲ Naturally Air-cooled.
- ▲ Protection: short circuit/over load/over voltage.
- ▲ Green LED indicator for power on.
- ▲ 3-Years Product Warranty.

Input Voltage Range	185-264VAC
Input Frequency	47-63 Hz
Input Inrush Current	45A max.(230VAC)
Input Leakage Current	< 3.5mA/240VAC
Line Regulation	± 0.5%
Hold-up Time	20 ms min.
Protection Over Load	105-150% rated output power
Operating Temperature	-10°C to +60°C
Storage Temperature	-25°C to +85°C
Safety Standards	UL60950, EN60950
EMI	EN55011 class B, EN55022 class B
Dimension(LxWxH)	199X98X43mm
Weight	880g

Model	DC output	Tol.	R&N	Efficiency
ESE150-12M	12V 12.5A	±2%	100mV	83%
ESE150-24M	24V 6.25A	±2%	150mV	85%
ESE150-48M	48V 3.12A	±2%	200mV	86%

240W Enclosed Power Supply



Key Features:



- ▲ AC input range selectable by switch.
- ▲ Naturally Air-cooled.
- ▲ Protection: short circuit/over load/over voltage/over temperature.
- ▲ Green LED indicator for power on.
- ▲ 3-Years Product Warranty.

Input Voltage Range	90-132VAC/176-264VAC
Input Frequency	47-63 Hz
Input Inrush Current	< 30 max.(115VAC) < 50A max.(230VAC)
Input Leakage Current	< 3.5mA/240VAC
Line Regulation	± 0.5%
Hold-up Time	10 ms min.
Protection Over Load	105-150% rated output power
Operating Temperature	-10°C to +60°C
Storage Temperature	-25°C to +85°C
Safety Standards	UL60950, EN60950
EMI	EN55011 class B, EN55022 class B
Dimension(LxWxH)	215X115X50mm
Weight	920g

Model	DC output	Tol.	R&N	Efficiency
ESE240-5	5V 40A	±1%	80mV	78%
ESE240-12	12V 20A	±1%	120mV	82%
ESE240-24	24V 10A	±1%	120mV	85%
ESE240-48	48V 5A	±1%	200mV	86%

350W Enclosed Power Supply



Key Features:



- ▲ AC input range selectable by switch.
- ▲ Forced air cooling by built-in DC fan.
- ▲ Protection: short circuit/over load/over voltage/over temperature.
- ▲ 3-Years Product Warranty.

Input Voltage Range	90-132VAC/176-264VAC
Input Frequency	47-63 Hz
Input Inrush Current	20A max.(115VAC) 40A max.(230VAC)
Input Leakage Current	< 3.5mA/240VAC
Line Regulation	± 0.5%
Hold-up Time	20 ms min.
Protection Over Load	105-140% rated output power
Operating Temperature	-10°C to +60°C
Storage Temperature	-25°C to +85°C
Safety Standards	UL60950, EN60950
EMI	EN55011 class B, EN55022 class B
Dimension(LxWxH)	215X115X50mm
Weight	1110g

Model	DC output	Tol.	R&N	Efficiency
ESE350-5	5V 60A	±1%	10mV	76%
ESE350-12	12V 29A	±1%	120mV	84%
ESE350-24	24V 14.6A	±1%	150mV	85%
ESE350-36	36V 9.72A	±1%	200mV	86%
ESE350-48	48V 7.3A	±1%	200mV	86%

Part Number Table

Model	DC output	Tol.	R&N	Efficiency
ESR100-12N	12VDC 8.3A	± 1%	50mV	85%
ESR100-24N	24VDC 4.1A	± 1%	100mV	90%
ESR100-48N	48VDC 2.0A	± 1%	200mV	90%
ESR060-12N	12VDC 5A	± 1%	50mV	85%
ESR060-24N	24VDC 2.5A	± 1%	100mV	90%
ESR060-48N	48VDC 1.2A	± 1%	200mV	90%
ESR030-12N	12VDC 2.5A	± 1%	50mV	84%
ESR030-24N	24VDC 1.2A	± 1%	100mV	88%
ESR030-48N	48VDC 0.6A	± 1%	200mV	90%
EPS480-24	24VDC 20A	± 1%	100mV	90%
EPS480-48	48VDC 10A	± 1%	150mV	90%
EPS240-12	12V 20A	± 1%	100mV	85%
EPS240-24	24V 10A	± 1%	100mV	86%
EPS240-48	48V 5A	± 1%	150mV	87%
EPS120-12	12V 10A	± 1%	100mV	86%
EPS120-24	24V 5A	± 1%	100mV	87%
EPS120-48	48V 2.5A	± 1%	150mV	88%
EPS060-12	12V 5A	± 1%	100mV	82%
EPS060-24	24V 2.5A	± 1%	120mV	84%
EPS060-48	48V 1.3A	± 1%	120mV	85%
ESE060-12M	12V 5A	± 2%	100mV	82%
ESE060-24M	24V 2.5A	± 2%	120mV	84%
ESE060-48M	48V 1.3A	± 2%	200mV	85%
ESE100-12M	12V 8.3A	± 2%	100mV	84%
ESE100-24M	24V 4.2A	± 2%	150mV	85%
ESE100-48M	48V 2.1A	± 2%	150mV	86%
ESE150-12M	12V 12.5A	± 2%	100mV	83%
ESE150-24M	24V 6.25A	± 2%	150mV	85%
ESE150-48M	48V 3.12A	± 2%	200mV	86%
ESE240-5	5V 40A	± 1%	80mV	78%
ESE240-12	12V 20A	± 1%	120mV	82%
ESE240-24	24V 10A	± 1%	120mV	85%
ESE240-48	48V 5A	± 1%	200mV	86%
ESE350-5	5V 60A	± 1%	10mV	76%
ESE350-12	12V 29A	± 1%	120mV	84%
ESE350-24	24V 14.6A	± 1%	150mV	85%
ESE350-36	36V 9.72A	± 1%	200mV	86%
ESE350-48	48V 7.3A	± 1%	200mV	86%

Quality Control System

In 1998, we integrated TUV (Rheinland) ISO 9002 Quality Control System; and we followed its standards strictly and kept ourselves updated.

In 2001, we upgraded to ISO9001:2000.

In 2005 we also integrated ISO14001 Environmental Management System, the first company applied this system among our competitors.

In 2007, we integrated QC080000 Hazardous Substance Process Management System.

In 2008, we upgraded to ISO9001:2008.



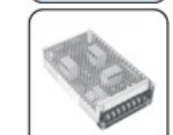
Distributed in the UK by:

AIT Components Ltd
Shirlea House
Storrington Road
RH20 3ED.

t: +44 (0) 1903 744988
e: sales@aitcomponents.com
w: www.aitcomponents.com

Switching Power Supply

June 2013





Eaglerise Electric & Electronic (China) Co., Ltd. was first established in 1992 in Foshan, China. Now we have 72,000 square meters manufacturing plant, and about 3100 employee. Our mission is to provide our quality transformers, power supplies and core of transformer to the global market. Our main product lines include 5 major categories and over 300 models covering Electromagnetic mode Power supply, Switching mode power supply, Special type transformer, Power transformer, transformer metal cores. The applications cover industrial control, lighting, home appliance, electricity utility, power distribution, new energy, etc. To follow markets and focus on customers, Eaglerise opened its sales and marketing branches in Beijing, Shanghai, Fukuoka, Pennsylvania and Hamburg. Eaglerise is proud of being valuable and loyal cooperators to all its customers, suppliers and business partners.



EMI Lab



RoHS Test



Production Line



SMT Workshop



Aging Workshop



ATE Test

100W Mini Din Rail Power Supply



Key Features:

- ▲ Naturally Air-cooled.
- ▲ Protection: Short-circuit/ over load/over voltage/ over temperature.
- ▲ Green LED indicator for power on.
- ▲ 3-Years Product Warranty.

Input Voltage Range	90-264VAC or 120-370VDC
Input Frequency	47-63Hz
Input Inrush Current	30A max.(115VAC)/45A max.(230VAC)
Input Leakage Current	<3.5mA/240VAC
Line Regulation	±0.5%
Hold-up time	20ms min.
Protection Over Load	105-150% rated output power
Operating Temperature	-15°C to +60°C(Derating:-3%/K, >45°C)
Storage Temperature	-25°C to +85°C
Safety Standards	UL60950, EN60950
EMI	EN55011 class B, EN55022 class B
Dimension	108X56X90mm
Weight	600g

Model	DC output	Tol.	R&N	Efficiency
ESR100-12N	12VDC 8.3A	±1%	50mV	85%
ESR100-24N	24VDC 4.1A	±1%	100mV	90%
ESR100-48N	48VDC 2.0A	±1%	200mV	90%

60W Mini Din Rail Power Supply



Key Features:

- ▲ Naturally Air-cooled.
- ▲ Protection: Short-circuit/ over load/over voltage/ over temperature.
- ▲ Green LED indicator for power on.
- ▲ 3-Years Product Warranty.

Input Voltage Range	90-264VAC or 120-370VDC
Input Frequency	47-63Hz
Input Inrush Current	30A max.(115VAC)/45A max.(230VAC)
Input Leakage Current	<3.5mA/240VAC
Line Regulation	±0.5%
Hold-up time	20ms min.
Protection Over Load	105-150% rated output power
Operating Temperature	-15°C to +60°C(Derating:-3%/K, >45°C)
Storage Temperature	-25°C to +85°C
Safety Standards	UL60950, EN60950
EMI	EN55011 class B, EN55022 class B
Dimension	72X56X90mm
Weight	300g

Model	DC output	Tol.	R&N	Efficiency
ESR060-12N	12VDC 5A	±1%	50mV	85%
ESR060-24N	24VDC 2.5A	±1%	100mV	90%
ESR060-48N	48VDC 1.2A	±1%	200mV	90%

30W Mini Din Rail Power Supply



Key Features:

- ▲ Naturally Air-cooled.
- ▲ Protection: Short-circuit/ over load/over voltage/ over temperature.
- ▲ Green LED indicator for power on.
- ▲ 3-Years Product Warranty.

Input Voltage Range	90-264VAC or 120-370VDC
Input Frequency	47-63Hz
Input Inrush Current	30A max.(115VAC)/45A max.(230VAC)
Input Leakage Current	<3.5mA/240VAC
Line Regulation	±0.5%
Hold-up time	20ms min.
Protection Over Load	105-150% rated output power
Operating Temperature	-15°C to +60°C(Derating:-3%/K, >45°C)
Storage Temperature	-25°C to +85°C
Safety Standards	UL60950, EN60950
EMI	EN55011 class B, EN55022 class B
Dimension	54X56X90mm
Weight	200g

Model	DC output	Tol.	R&N	Efficiency
ESR030-12N	12VDC 2.5A	±1%	50mV	84%
ESR030-24N	24VDC 1.2A	±1%	100mV	88%
ESR030-48N	48VDC 0.6A	±1%	200mV	90%

480W Din Rail Power Supply



Key Features:

- ▲ With P.F.C function.
- ▲ Naturally Air-cooled.
- ▲ Protection: Short-circuit/ over load/over voltage/over temperature.
- ▲ Green LED indicator for power on, Red LED indicator for over load/over voltage.
- ▲ 3-Years Product Warranty.

Input Voltage Range	90-264VAC or 120-370VDC
Input Frequency	47-63Hz
Input Inrush Current	30A max.(115VAC)/35A max.(230VAC)
Input Leakage Current	<3.5mA/240VAC
Line Regulation	±0.5%
Hold-up time	20ms min.
Protection Over Load	105-150% rated output power
Operating Temperature	-25°C to +70°C(Derating:-3%/K, >55°C)
Storage Temperature	-25°C to +85°C
Safety Standards	UL60950, EN60950
EMI	EN55011 class B, EN55022 class B
Dimension	130X115X140mm
Weight	2120g

Model	DC output	Tol.	R&N	Efficiency
EPS480-24	24VDC 20A	±1%	100mV	90%
EPS480-48	48VDC 10A	±1%	150mV	90%

240W Din Rail Power Supply



Key Features:

- ▲ With P.F.C function.
- ▲ Naturally Air-cooled.
- ▲ Protection: short circuit/over load/over voltage/over temperature.
- ▲ Green LED indicator for power on, Red LED indicator for over load/over voltage.
- ▲ 3-Years Product Warranty.

Input Voltage Range	90-264VAC or 120-370 VDC
Input Frequency	47-63 Hz
Input Inrush Current	30A max.(115VAC)/ 35A max.(230VAC)
Input Leakage Current	<3.5mA/240VAC
Line Regulation	±0.5%
Hold-up Time	20 ms min.
Protection Over Load	105-150% rated output power
Operating Temperature	-10°C to +70°C
Storage Temperature	-25°C to +85°C
Safety Standards	UL60950,EN60950
EMI	EN55011 class B, EN55022 class B
Dimension(LxWxH)	130X110X90mm
Weight	1040g

Model	DC output	Tol.	R&N	Efficiency
EPS240-12	12V 20A	±1%	100mV	85%
EPS240-24	24V 10A	±1%	100mV	86%
EPS240-48	48V 5A	±1%	150mV	87%

120W Din Rail Power Supply



Key Features:

- ▲ With P.F.C function.
- ▲ Naturally Air-cooled.
- ▲ Protection: short circuit/over load/over voltage/over temperature.
- ▲ Green LED indicator for power on, Red LED indicator for over load/over voltage.
- ▲ 3-Years Product Warranty.

Input Voltage Range	90-264VAC or 120-370 VDC
Input Frequency	47-63 Hz
Input Inrush Current	15A max.(115VAC)/ 20A max.(230VAC)
Input Leakage Current	<1mA/240VAC
Line Regulation	±0.5%
Hold-up Time	20 ms min.
Protection Over Load	105-150% rated output power
Operating Temperature	-10°C to +70°C
Storage Temperature	-25°C to +85°C
Safety Standards	UL60950,EN60950
EMI	EN55011 class B, EN55022 class B
Dimension(LxWxH)	130X75X90mm
Weight	485g

Model	DC output	Tol.	R&N	Efficiency
EPS120-12	12V 10A	±1%	100mV	86%
EPS120-24	24V 5A	±1%	100mV	87%
EPS120-48	48V 2.5A	±1%	150mV	88%

60W Din Rail Power Supply



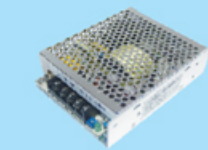
Key Features:

- ▲ Naturally Air-cooled.
- ▲ Protection: short circuit/over load/over voltage/over temperature.
- ▲ Green LED indicator for power on, Red LED indicator for over load/over voltage.
- ▲ 3-Years Product Warranty.

Input Voltage Range	90-264VAC or 120-370 VDC
Input Frequency	47-63 Hz
Input Inrush Current	15A max.(115VAC)/ 20A max.(230VAC)
Input Leakage Current	<1mA/240VAC
Line Regulation	±0.5%
Hold-up Time	20 ms min.
Protection Over Load	105-150% rated output power
Operating Temperature	-10°C to +70°C
Storage Temperature	-25°C to +85°C
Safety Standards	UL60950,EN60950
EMI	EN55011 class B, EN55022 class B
Dimension(LxWxH)	130X50X90mm
Weight	485g

Model	DC output	Tol.	R&N	Efficiency
EPS060-12	12V 5A	±1%	100mV	82%
EPS060-24	24V 2.5A	±1%	120mV	84%
EPS060-48	48V 1.3A	±1%	120mV	85%

60W Enclosed Power Supply



- ▲ Naturally Air-cooled.
- ▲ Protection: short circuit/over load/over voltage.
- ▲ 3-Years Product Warranty.

Input Voltage Range	185-264VAC
Input Frequency	47-63 Hz
Input Inrush Current	<45A max.(230VAC)
Input Leakage Current	<3.5mA/240VAC
Line Regulation	±0.5%
Hold-up Time	20 ms min.
Protection Over Load	105-150% rated output power
Operating Temperature	-10°C to +60°C
Storage Temperature	-25°C to +85°C
Safety Standards	UL60950,EN60950
EMI	EN55011 class B, EN55022 class B
Dimension(LxWxH)	129X98X38mm
Weight	410g

Model	DC output	Tol.	R&N	Efficiency
ESE060-12M	12V 5A	±2%	100mV	82%
ESE060-24M	24V 2.5A	±2%	120mV	84%
ESE060-48M	48V 1.3A	±2%	200mV	85%