Elcomtech®

AUHP SERIES

Fanless & PFC





ELCOMTECH - бренд премиального качества!Продукция изготавливается с применением уникальных технологий и новейших материалов. Главная цель компании сделать Hi-Rel продукцию доступной для общепромышленного применения. Гарантия на продукцию до 10 лет.

AUHP-200

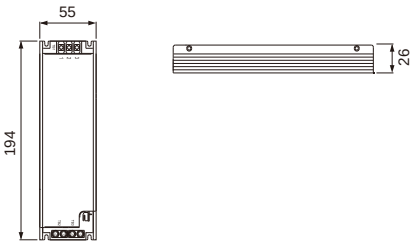
ENCLOSED POWER SUPPLIES

NEW



Universal AC input range
Cooling by free air convection
Built-in active PFC function.
Protections: Short circuit / Overload /Over voltage /Over temperature
DC OK active signal and redundant function(option)
100% full load burn-in test
3 years warranty

Dimensions:(mm)



Safety Standard:

UL 62368-1
IEC 62368-1
BS EN/EN 62368-1

EMC Standard:

EN 55032
EN 61000-3-2,-3
EN 61000-4-2,3,4,5,6,8,11

CE UK CA

Electrical Characteristics

Model No.	AUHP-200-5	AUHP-200-12	AUHP-200-15	AUHP-200-24	AUHP-200-48
DC Voltage	5V	12V	15V	24V	48V
Rated Current	40A	16.7A	13.4A	8.4A	4.2A
Rated Power(Max)	200W	200.4W	201W	201.6W	201.6W
Ripple & Noise(Max)	200mVp-p	240mVp-p	240mVp-p	240mVp-p	300mVp-p
Input Voltage	90 ~ 264VAC 127 ~ 370VDC				
Inrush Current	80A at 230VAC / 40A at 115VAC				
Efficiency	91%	93%	94%	94%	94%
Working Temperature	-30 ~ +70℃ (Refer to "Derating Curve")				
Withstand Voltage	I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.25KVAC				
Protection	Over Load / Over Voltage / Over Temperature				
Connection	I/P: 3 poles terminal Block O/P: 4 poles terminal Block				

AUHP-350

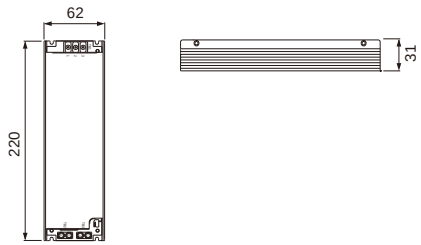
ENCLOSED POWER SUPPLIES

NEW



Universal AC input range
Cooling by free air convection
Built-in active PFC function.
Protections: Short circuit / Overload /Over voltage /Over temperature
DC OK active signal and redundant function(option)
100% full load burn-in test
3 years warranty

Dimensions:(mm)



Safety Standard:

UL 62368-1
IEC 62368-1
BS EN/EN 62368-1

EMC Standard:

EN 55032
EN 61000-3-2,-3
EN 61000-4-2,3,4,5,6,8,11

CE UK CA

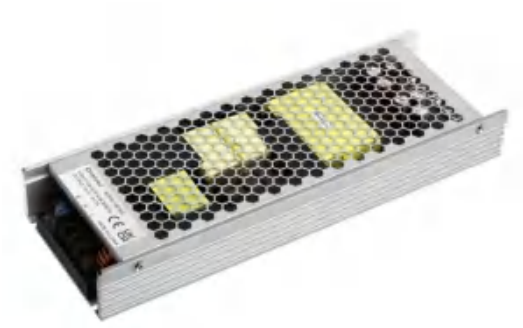
Electrical Characteristics

Model No.	AUHP-350-5	AUHP-350-12	AUHP-350-15	AUHP-350-24	AUHP-350-48
DC Voltage	5V	12V	15V	24V	48V
Rated Current	60A	29.2A	23.4A	14.6A	7.3A
Rated Power(Max)	300W	350.4W	351W	350.4W	350.4W
Ripple & Noise(Max)	200mVp-p	200mVp-p	200mVp-p	240mVp-p	240mVp-p
Input Voltage	90 ~ 264VAC 127 ~ 370VDC				
Inrush Current	60A at 230VAC / 30A at 115VAC				
Efficiency	90%	91%	92%	94%	94%
Working Temperature	-30 ~ +70℃ (Refer to "Derating Curve")				
Withstand Voltage	I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.25KVAC				
Protection	Over Load / Over Voltage / Over Temperature				
Connection	I/P: 3 poles terminal Block O/P: 4 poles terminal Block				

AUHP-500

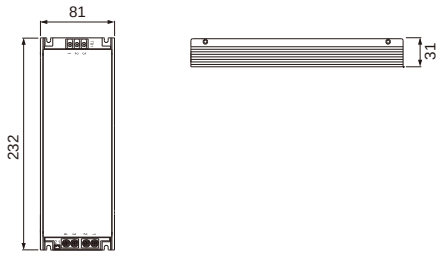
ENCLOSED POWER SUPPLIES

NEW



Universal AC input range
Cooling by free air convection
Built-in active PFC function.
Protections: Short circuit / Overload /Over voltage /Over temperature
DC OK active signal and redundant function(option)
100% full load burn-in test
3 years warranty

Dimensions:(mm)



Safety Standard:

UL 62368-1
IEC 62368-1
BS EN/EN 62368-1

EMC Standard:

EN 55032
EN 61000-3-2,-3
EN 61000-4-2,3,4,5,6,8,11

CE UKCA

Electrical Characteristics

Model No.	AUHP-500-5	AUHP-500-12	AUHP-500-15	AUHP-500-24	AUHP-500-48
DC Voltage	5V	12V	15V	24V	48V
Rated Current	80A	41.7A	33.4A	20.9A	10.45A
Rated Power(Max)	400W	500.4W	501W	501.6W	501.6W
Ripple & Noise(Max)	200mVp-p	200mVp-p	200mVp-p	240mVp-p	360mVp-p
Input Voltage	90 ~ 264VAC 127 ~ 370VDC				
Inrush Current	60A at 230VAC / 30A at 115VAC				
Efficiency	90%	94%	94%	94.5%	95%
Working Temperature	-30 ~ +70℃ (Refer to "Derating Curve")				
Withstand Voltage	I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.25KVAC				
Protection	Over Load / Over Voltage / Over Temperature				
Connection	I/P: 3 poles terminal Block O/P: 4 poles terminal Block				

AUHP-750

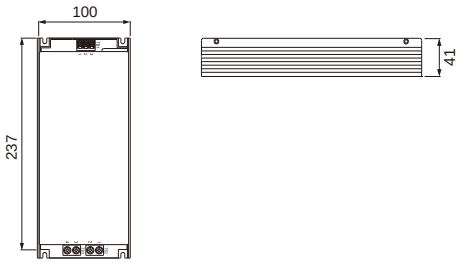
ENCLOSED POWER SUPPLIES

NEW



Universal AC input range
Cooling by free air convection
Built-in active PFC function.
Protections: Short circuit / Overload /Over voltage /Over temperature
DC OK relay contact
Operating altitude up to 5000 meter
LED indicator for power on
3 years warranty

Dimensions:(mm)



Safety Standard:

UL 62368-1
IEC 62368-1
BS EN/EN 62368-1

EMC Standard:

EN 55032
EN 61000-3-2,-3
EN 61000-4-2,3,4,5,6,8,11

CE UKCA

Electrical Characteristics

Model No.	AUHP-750-12	AUHP-750-24	AUHP-750-36	AUHP-750-48
DC Voltage	12V	24V	36V	48V
Rated Current	60A	31.3A	20.9A	15.7A
Rated Power(Max)	720W	751.2W	752.4W	753.6W
Ripple & Noise(Max)	150mVp-p	200mVp-p	250mVp-p	250mVp-p
Input Voltage	90 ~ 264VAC 127 ~ 370VDC			
Inrush Current	40A at 230VAC / 20A at 115VAC			
Efficiency	93.5%	95%	95%	95%
Working Temperature	-30 ~ +70℃ (Refer to "Derating Curve")			
Withstand Voltage	I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.25KVAC			
Protection	Over Load / Over Voltage / Over Temperature			
Connection	I/P: 3 poles terminal Block O/P: 4 poles terminal Block			

ARSP SERIES

Low Profile & PFC



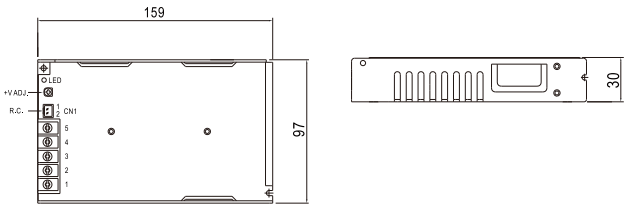
ARSP-75

ENCLOSED POWER SUPPLIES



Universal AC input range
Built-in active PFC function
Free air convection design
Protection:Short circuit/Overload/Over voltage/Over temperature
Optional remote ON/OFF control
100% full load burn-in test
3 years warranty

Dimensions:(mm)



Safety Standard:

UL 62368-1
IEC 62368-1
BS EN/EN 62368-1
BS EN/EN 61558-1

EMC Standard:

EN 55032
EN 61000-3-2,-3
EN 61000-4-2,3,4,5,6,8,11

CE UK CA

Electrical Characteristics

Model No.	ARSP-75-5	ARSP-75-12	ARSP-75-15	ARSP-75-24	ARSP-75-48
DC Voltage	5V	12V	15V	24V	48V
Rated Current	15A	6.3A	5A	3.2A	1.6A
Rated Power(Max)	75W	75.6W	75W	76.8W	76.8W
Ripple & Noise(Max)	80mVp-p	120mVp-p	120mVp-p	120mVp-p	200mVp-p
Input Voltage	90 ~ 305VAC 127 ~ 430VDC				
Inrush Current	35A at 230V AC				
Efficiency	82%	85%	86%	87%	89%
Working Temperature	-20 ~ +70℃ (Refer to "Derating Curve")				
Withstand Voltage	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC				
Protection	Over Load / Over Voltage / Over Temperature				
Connection	I/P: 3 poles terminal Block O/P: 4 poles terminal Block				

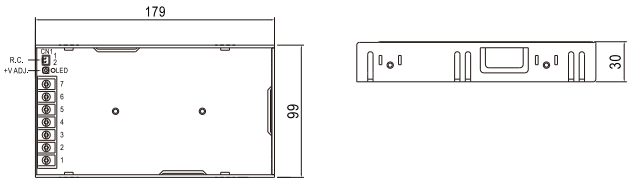
ARSP-100

ENCLOSED POWER SUPPLIES



Universal AC input range
Built-in active PFC function
Free air convection design
Protection:Short circuit/Overload/Over voltage/Over temperature
Optional remote ON/OFF control
100% full load burn-in test
3 years warranty

Dimensions:(mm)



Safety Standard:

UL 62368-1
IEC 62368-1
BS EN/EN 62368-1
BS EN/EN 61558-1

EMC Standard:

EN 55032
EN 61000-3-2,-3
EN 61000-4-2,3,4,5,6,8,11

CE UKCA

Electrical Characteristics

Model No.	ARSP-100-5	ARSP-100-12	ARSP-100-15	ARSP-100-24	ARSP-100-48
DC Voltage	5V	12V	15V	24V	48V
Rated Current	20A	8.5A	6.7A	4.2A	2.1A
Rated Power(Max)	100W	102W	100.5W	100.8W	100.8W
Ripple & Noise(Max)	100mVp-p	100mVp-p	100mVp-p	150mVp-p	250mVp-p
Input Voltage	90 ~ 305VAC 127 ~ 430VDC				
Inrush Current	30A at 230V AC				
Efficiency	86%	86%	87%	87%	88%
Working Temperature	-20 ~ +70℃ (Refer to "Derating Curve")				
Withstand Voltage	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC				
Protection	Over Load / Over Voltage / Over Temperature				
Connection	I/P: 3 poles terminal Block O/P: 4 poles terminal Block				

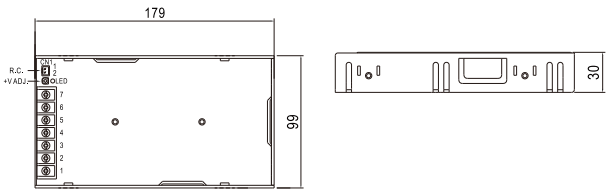
ARSP-150

ENCLOSED POWER SUPPLIES



Universal AC input range
Built-in active PFC function
Free air convection design
Protection:Short circuit/Overload/Over voltage/Over temperature
Optional remote ON/OFF control
100% full load burn-in test
3 years warranty

Dimensions:(mm)



Safety Standard:

UL 62368-1
IEC 62368-1
BS EN/EN 62368-1
BS EN/EN 61558-1

EMC Standard:

EN 55032
EN 61000-3-2,-3
EN 61000-4-2,3,4,5,6,8,11

CE UKCA

Electrical Characteristics

Model No.	ARSP-150-5	ARSP-150-12	ARSP-150-15	ARSP-150-24	ARSP-150-48
DC Voltage	5V	12V	15V	24V	48V
Rated Current	30A	12.5A	10A	6.3A	3.2A
Rated Power(Max)	150W	150W	150W	151.2W	153.6W
Ripple & Noise(Max)	100mVp-p	100mVp-p	100mVp-p	150mVp-p	250mVp-p
Input Voltage	90 ~ 305VAC 127 ~ 430VDC				
Inrush Current	45A at 230V AC				
Efficiency	87%	89%	88.5%	89%	90%
Working Temperature	-20 ~ +70℃ (Refer to "Derating Curve")				
Withstand Voltage	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC				
Protection	Over Load / Over Voltage / Over Temperature				
Connection	I/P: 3 poles terminal Block O/P: 4 poles terminal Block				

ARSP-200

ENCLOSED POWER SUPPLIES



Universal AC input range
Built-in active PFC function
Protection:Short circuit/Overload/Over voltage/Over temperature
Free air convection design
100% full load burn-in test
3 years warranty

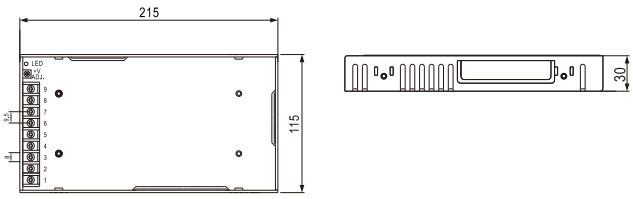
Safety Standard:

UL 62368-1
IEC 62368-1
BS EN/EN 62368-1

EMC Standard:

EN 55032
EN 61000-3-2,-3
EN 61000-4-2,3,4,5,6,8,11

Dimensions:(mm)



Electrical Characteristics

Model No.	ARSP-200-5	ARSP-200-12	ARSP-200-15	ARSP-200-24	ARSP-200-48
DC Voltage	5V	12V	15V	24V	48V
Rated Current	40A	16.7A	13.4A	8.4A	4.2A
Rated Power(Max)	200W	200.4W	201W	201.6W	201.6W
Ripple & Noise(Max)	150mVp-p	150mVp-p	150mVp-p	150mVp-p	240mVp-p
Input Voltage	90 ~ 305VAC 127 ~ 430VDC				
Inrush Current	40A at 230V AC / 20A at 115V				
Efficiency	83%	84%	85%	87%	88%
Working Temperature	-20 ~ +70℃ (Refer to "Derating Curve")				
Withstand Voltage	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC				
Protection	Over Load / Over Voltage / Over Temperature				
Connection	I/P: 3 poles terminal Block O/P: 4 poles terminal Block				

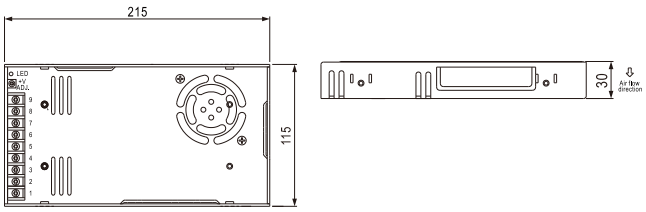
ARSP-320

ENCLOSED POWER SUPPLIES



Universal AC input range
Built-in active PFC function
Protection:Short circuit/Overload/Over voltage/Over temperature
Cooling by Built-in DC fan
100% full load burn-in test
3 years warranty

Dimensions:(mm)



Safety Standard:

UL 62368-1
IEC 62368-1
BS EN/EN 62368-1

EMC Standard:

EN 55032
EN 61000-3-2,-3
EN 61000-4-2,3,4,5,6,8,11

CE UK CA

Electrical Characteristics

Model No.	ARSP-320-5	ARSP-320-12	ARSP-320-15	ARSP-320-24	ARSP-320-48
DC Voltage	5V	12V	15V	24V	48V
Rated Current	60A	26.7A	21.4A	13.4A	6.7A
Rated Power(Max)	300W	320.4W	321W	321.6W	321.6W
Ripple & Noise(Max)	150mVp-p	150mVp-p	150mVp-p	150mVp-p	240mVp-p
Input Voltage	90 ~ 305VAC 127 ~ 430VDC				
Inrush Current	40A at 230V AC / 20A at 115V				
Efficiency	83%	88%	88.5%	89%	90%
Working Temperature	-20 ~ +70℃ (Refer to "Derating Curve")				
Withstand Voltage	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC				
Protection	Over Load / Over Voltage / Over Temperature				
Connection	I/P: 3 poles terminal Block O/P: 6 poles terminal Block				

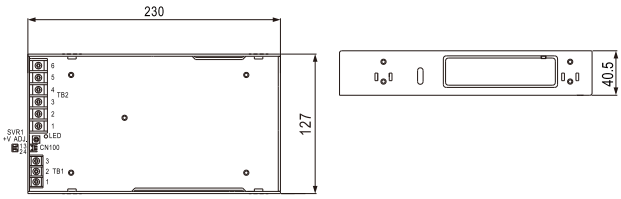
ARSP-500

ENCLOSED POWER SUPPLIES



Universal AC input range
Built-in active PFC function
Protection:Short circuit/Overload/Over voltage/Over temperature
Cooling by Built-in DC fan
Built-in remote ON/OFF control/remote sense
100% full load burn-in test
3 years warranty

Dimensions:(mm)



Safety Standard:

UL 62368-1
IEC 62368-1
BS EN/EN 62368-1

EMC Standard:

EN 55032
EN 61000-3-2,-3
EN 61000-4-2,3,4,5,6,8,11

CE UK CA

Electrical Characteristics

Model No.	ARSP-500-5	ARSP-500-12	ARSP-500-15	ARSP-500-24	ARSP-500-48
DC Voltage	5V	12V	15V	24V	48V
Rated Current	90A	41.7A	33.4A	21A	10.5A
Rated Power(Max)	450W	500.4W	501W	504W	504W
Ripple & Noise(Max)	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p
Input Voltage	90 ~ 305VAC 127 ~ 430VDC				
Inrush Current	40A at 230V AC / 20A at 115V				
Efficiency	84%	88%	88%	89%	90.5%
Working Temperature	-20 ~ +70℃ (Refer to "Derating Curve")				
Withstand Voltage	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC				
Protection	Over Load / Over Voltage / Over Temperature				
Connection	I/P: 3 poles terminal Block O/P: 8 poles terminal Block				

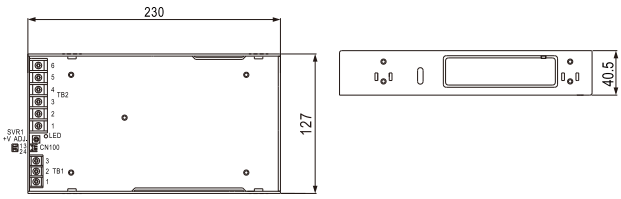
ARSP-600

ENCLOSED POWER SUPPLIES



Universal AC input range
Built-in active PFC function
Protection:Short circuit/Overload/Over voltage/Over temperature
Cooling by Built-in DC fan
Built-in remote ON/OFF control/remote sense
100% full load burn-in test
3 years warranty

Dimensions:(mm)



Safety Standard:

UL 62368-1
IEC 62368-1
BS EN/EN 62368-1

EMC Standard:

EN 55032
EN 61000-3-2,-3
EN 61000-4-2,3,4,5,6,8,11

CE UK CA

Electrical Characteristics

Model No.	ARSP-600-12	ARSP-600-15	ARSP-600-24	ARSP-600-48	ARSP-600-60
DC Voltage	12V	15V	24V	48V	60V
Rated Current	50A	40A	25A	12.5A	10A
Rated Power(Max)	600W	600W	600W	600W	600W
Ripple & Noise(Max)	150mVp-p	150mVp-p	150mVp-p	240mVp-p	360mVp-p
Input Voltage	90 ~ 305VAC 127 ~ 430VDC				
Inrush Current	60A at 230V AC / 35A at 115V				
Efficiency	90%	90%	91%	92%	92%
Working Temperature	-20 ~ +70℃ (Refer to "Derating Curve")				
Withstand Voltage	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC				
Protection	Over Load / Over Voltage / Over Temperature				
Connection	I/P: 3 poles terminal Block O/P: 6 poles terminal Block				

ALRS SERIES

Low Profile Without PFC



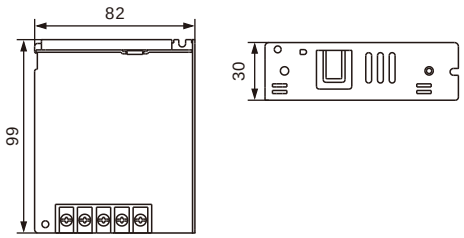
ALRS-35

ENCLOSED POWER SUPPLIES



Universal AC input range
Miniature size and High efficiency
Cooling by free air convection
Protection:Short circuit/Overload/Over voltage
Over voltage category III
100% full load burn-in test
3 years warranty

Dimensions:(mm)



Safety Standard:

UL 62368-1
IEC 62368-1
BS EN/EN 62368-1
BS EN/EN 61558-1
EN 61558-2,-16
BS EN/EN 60335-1

EMC Standard:

EN 55032
EN 61000-3-2,-3
EN 61000-4-2,3,4,5,6,8,11

CE UKCA

Electrical Characteristics

Model No.	ALRS-35-5	ALRS-35-12	ALRS-35-15	ALRS-35-24	ALRS-35-48
DC Voltage	5V	12V	15V	24V	48V
Rated Current	7A	3A	2.4A	1.5A	0.8A
Rated Power(Max)	35W	36W	36W	36W	38.4W
Ripple & Noise(Max)	80mVp-p	120mVp-p	120mVp-p	150mVp-p	200mVp-p
Input Voltage	90 ~ 264VAC 127 ~ 370VDC				
Inrush Current	45A at 230V AC				
Efficiency	82%	86%	86%	88%	89%
Working Temperature	-20 ~ +70℃ (Refer to "Derating Curve")				
Withstand Voltage	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC				
Protection	Over Load / Over Voltage				
Connection	I/P: 3 poles terminal Block O/P: 2 poles terminal Block				

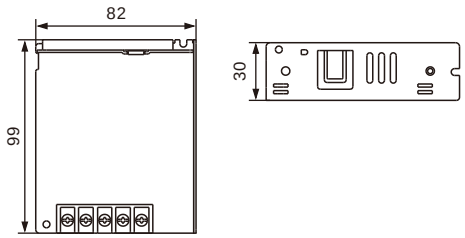
ALRS-50

ENCLOSED POWER SUPPLIES



Universal AC input range
Miniature size and High efficiency
Cooling by free air convection
Protection:Short circuit/Overload/Over voltage
Over voltage category III
100% full load burn-in test
3 years warranty

Dimensions:(mm)



Safety Standard:

UL 62368-1
IEC 62368-1
BS EN/EN 62368-1
BS EN/EN 61558-1
EN 61558-2,-16
BS EN/EN 60335-1

EMC Standard:

EN 55032
EN 61000-3-2,-3
EN 61000-4-2,3,4,5,6,8,11

CE UKCA

Electrical Characteristics

Model No.	ALRS-50-5	ALRS-50-12	ALRS-50-15	ALRS-50-24	ALRS-50-48
DC Voltage	5V	12V	15V	24V	48V
Rated Current	10A	4.2A	3.4A	2.2A	1.1A
Rated Power(Max)	50W	50.4W	51W	52.8W	52.8W
Ripple & Noise(Max)	80mVp-p	120mVp-p	120mVp-p	150mVp-p	200mVp-p
Input Voltage	90 ~ 264VAC 127 ~ 370VDC				
Inrush Current	45A at 230V AC				
Efficiency	82%	86%	86%	88%	89%
Working Temperature	-20 ~ +70℃ (Refer to "Derating Curve")				
Withstand Voltage	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC				
Protection	Over Load / Over Voltage				
Connection	I/P: 3 poles terminal Block O/P: 2 poles terminal Block				

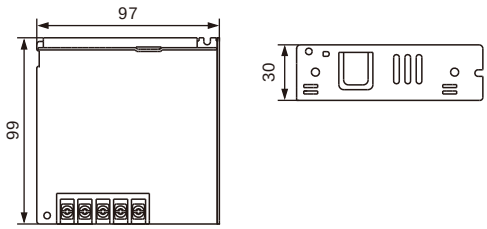
ALRS-75

ENCLOSED POWER SUPPLIES



Universal AC input range
Miniature size and High efficiency
Cooling by free air convection
Protection:Short circuit/Overload/Over voltage
Over voltage category III
100% full load burn-in test
3 years warranty

Dimensions:(mm)



Safety Standard:

UL 62368-1
IEC 62368-1
BS EN/EN 62368-1
BS EN/EN 61558-1
EN 61558-2,-16
BS EN/EN 60335-1

EMC Standard:

EN 55032
EN 61000-3-2,-3
EN 61000-4-2,3,4,5,6,8,11

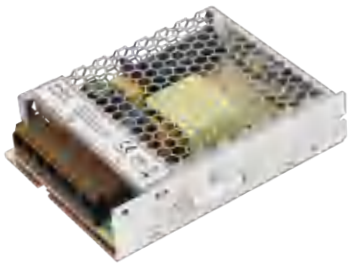
CE UK CA

Electrical Characteristics

Model No.	ALRS-75-5	ALRS-75-12	ALRS-75-15	ALRS-75-24	ALRS-75-48
DC Voltage	5V	12V	15V	24V	48V
Rated Current	14A	6A	5A	3.2A	1.6A
Rated Power(Max)	70W	72W	75W	76.8W	76.8W
Ripple & Noise(Max)	100mVp-p	120mVp-p	120mVp-p	150mVp-p	200mVp-p
Input Voltage	90 ~ 264VAC 127 ~ 370VDC				
Inrush Current	65A at 230V AC				
Efficiency	87%	89%	89%	90%	91.5%
Working Temperature	-20 ~ +70℃ (Refer to "Derating Curve")				
Withstand Voltage	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC				
Protection	Over Load / Over Voltage / Over Temperature				
Connection	I/P: 3 poles terminal Block O/P: 2 poles terminal Block				

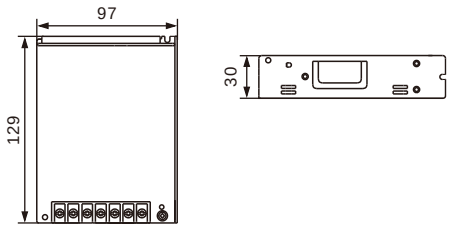
ALRS-100

ENCLOSED POWER SUPPLIES



Universal AC input range
Miniature size and High efficiency
Cooling by free air convection
Protection:Short circuit/Overload/Over voltage
Over voltage category III
100% full load burn-in test
3 years warranty

Dimensions:(mm)



Safety Standard:

UL 62368-1
IEC 62368-1
BS EN/EN 62368-1
BS EN/EN 61558-1
EN 61558-2,-16
BS EN/EN 60335-1

EMC Standard:

EN 55032
EN 61000-3-2,-3
EN 61000-4-2,3,4,5,6,8,11

CE UK CA

Electrical Characteristics

Model No.	ALRS-100-5	ALRS-100-12	ALRS-100-15	ALRS-100-24	ALRS-100-48
DC Voltage	5V	12V	15V	24V	48V
Rated Current	18A	8.5A	7A	4.5A	2.3A
Rated Power(Max)	90W	102W	105W	108W	110.4W
Ripple & Noise(Max)	100mVp-p	120mVp-p	120mVp-p	150mVp-p	200mVp-p
Input Voltage	90 ~ 264VAC 127 ~ 370VDC				
Inrush Current	50A at 230V AC				
Efficiency	86%	88%	88.5%	90%	91%
Working Temperature	-20 ~ +70℃ (Refer to "Derating Curve")				
Withstand Voltage	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC				
Protection	Over Load / Over Voltage				
Connection	I/P: 3 poles terminal Block O/P: 4 poles terminal Block				

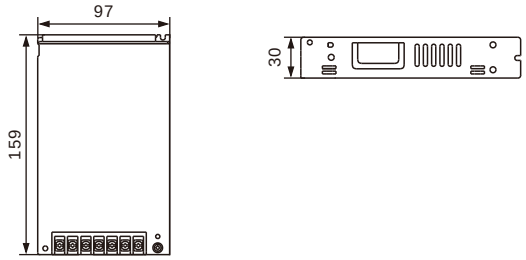
ALRS-150

ENCLOSED POWER SUPPLIES



Universal AC input range
Miniature size and High efficiency
Cooling by free air convection
Protection:Short circuit/Overload/Over voltage/Over temperature
Over voltage category III
100% full load burn-in test
3 years warranty

Dimensions:(mm)



Safety Standard:

UL 62368-1
IEC 62368-1
BS EN/EN 62368-1
BS EN/EN 61558-1
EN 61558-2,-16
BS EN/EN 60335-1

EMC Standard:

EN 55032
EN 61000-3-2,-3
EN 61000-4-2,3,4,5,6,8,11

Electrical Characteristics

Model No.	ALRS-150-12	ALRS-150-15	ALRS-150-24	ALRS-150-48
DC Voltage	12V	15V	24V	48V
Rated Current	12.5A	10A	6.5A	3.3A
Rated Power(Max)	150W	150W	156W	158.4W
Ripple & Noise(Max)	150mVp-p	150mVp-p	200mVp-p	200mVp-p
Input Voltage	90 ~ 264VAC 127 ~ 370VDC			
Inrush Current	60A at 230V AC			
Efficiency	87.5%	89%	89%	90%
Working Temperature	-20 ~ +70℃ (Refer to "Derating Curve")			
Withstand Voltage	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC			
Protection	Over Load / Over Voltage / Over Temperature			
Connection	I/P: 3 poles terminal Block O/P: 4 poles terminal Block			

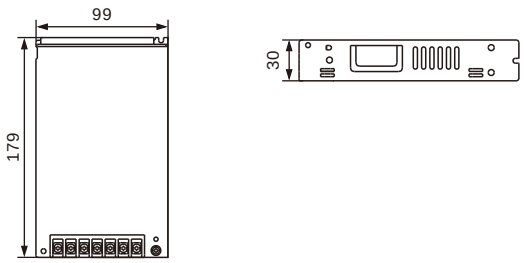
ALRS-200

ENCLOSED POWER SUPPLIES



Universal AC input range
Miniature size and High efficiency
Cooling by free air convection
Protection:Short circuit/Overload/Over voltage/Over temperature
Over voltage category III
100% full load burn-in test
3 years warranty

Dimensions:(mm)



Safety Standard:

UL 62368-1
IEC 62368-1
BS EN/EN 62368-1
BS EN/EN 61558-1
EN 61558-2,-16
BS EN/EN 60335-1

EMC Standard:

EN 55032
EN 61000-3-2,-3
EN 61000-4-2,3,4,5,6,8,11

Electrical Characteristics

Model No.	ALRS-200-5	ALRS-200-12	ALRS-200-15	ALRS-200-24	ALRS-200-48
DC Voltage	5V	12V	15V	24V	48V
Rated Current	30A	17A	14A	8.8A	4.4A
Rated Power(Max)	150W	204W	210W	211.2W	211.2W
Ripple & Noise(Max)	150mVp-p	150mVp-p	150mVp-p	150mVp-p	200mVp-p
Input Voltage	90 ~ 132VAC / 180 ~ 264VAC by switch				
Inrush Current	60A at 230V AC / 60A at 115V AC				
Efficiency	87.5%	88%	90%	90%	
Working Temperature	-20 ~ +70℃ (Refer to "Derating Curve")				
Withstand Voltage	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC				
Protection	Over Load / Over Voltage / Over Temperature				
Connection	I/P: 3 poles terminal Block O/P: 4 poles terminal Block				

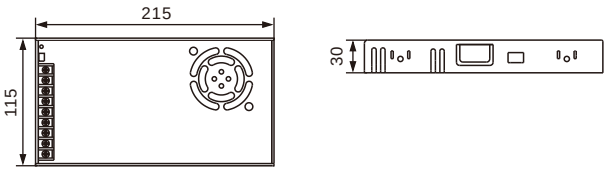
ALRS-350

ENCLOSED POWER SUPPLIES



Universal AC input range
Miniature size and High efficiency
Forced air cooling by built-in DC fan
Protection:Short circuit/Overload/Over voltage/Over temperature
Over voltage category III
100% full load burn-in test
3 years warranty

Dimensions:(mm)



Safety Standard:

UL 62368-1
IEC 62368-1
BS EN/EN 62368-1
BS EN/EN 61558-1
EN 61558-2,-16
BS EN/EN 60335-1

EMC Standard:

EN 55032
EN 61000-3-2,-3
EN 61000-4-2,3,4,5,6,8,11

Electrical Characteristics

Model No.	ALRS-350-12	ALRS-350-15	ALRS-350-24	ALRS-350-48
DC Voltage	12V	15V	24V	48V
Rated Current	29A	23.2A	14.6A	7.3A
Rated Power(Max)	348W	348W	350.4W	350.4W
Ripple & Noise(Max)	150mVp-p	150mVp-p	150mVp-p	200mVp-p
Input Voltage	90 ~ 132VAC / 180 ~ 264VAC by switch			
Inrush Current	60A at 230V AC / 60A at 115V			
Efficiency	85%	86%	88%	89%
Working Temperature	-20 ~ +70℃ (Refer to "Derating Curve")			
Withstand Voltage	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC			
Protection	Over Load / Over Voltage / Over Temperature			
Connection	I/P: 3 poles terminal Block O/P: 6 poles terminal Block			

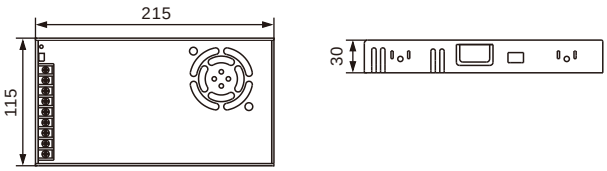
ALRS-450

ENCLOSED POWER SUPPLIES



Universal AC input range
Miniature size and High efficiency
Forced air cooling by built-in DC fan
Protection:Short circuit/Overload/Over voltage/Over temperature
Over voltage category III
100% full load burn-in test
3 years warranty

Dimensions:(mm)



Safety Standard:

UL 62368-1
IEC 62368-1
BS EN/EN 62368-1
BS EN/EN 61558-1
EN 61558-2,-16
BS EN/EN 60335-1

EMC Standard:

EN 55032
EN 61000-3-2,-3
EN 61000-4-2,3,4,5,6,8,11

Electrical Characteristics

Model No.	ALRS-450-12	ALRS-450-15	ALRS-450-24	ALRS-450-48
DC Voltage	12V	15V	24V	48V
Rated Current	37.5A	30A	18.8A	9.4A
Rated Power(Max)	450W	450W	451.2W	451.2W
Ripple & Noise(Max)	200mVp-p	200mVp-p	240mVp-p	360mVp-p
Input Voltage	90 ~ 132VAC / 180 ~ 264VAC by switch			
Inrush Current	60A at 230V AC / 35A at 115V			
Efficiency	90%	90%	91%	92%
Working Temperature	-20 ~ +70℃ (Refer to "Derating Curve")			
Withstand Voltage	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC			
Protection	Over Load / Over Voltage / Over Temperature			
Connection	I/P: 3 poles terminal Block O/P: 6 poles terminal Block			

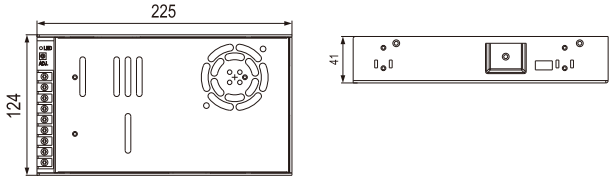
ALRS-600

ENCLOSED POWER SUPPLIES



Universal AC input range
Miniature size and High efficiency
Forced air cooling by built-in DC fan
Protection:Short circuit/Overload/Over voltage/Over temperature
Over voltage category III
100% full load burn-in test
3 years warranty

Dimensions:(mm)



Safety Standard:

UL 62368-1
IEC 62368-1
BS EN/EN 62368-1
BS EN/EN 61558-1
EN 61558-2,-16
BS EN/EN 60335-1

EMC Standard:

EN 55032
EN 61000-3-2,-3
EN 61000-4-2,3,4,5,6,8,11

Electrical Characteristics

Model No.	ALRS-600-12	ALRS-600-15	ALRS-600-24	ALRS-600-48
DC Voltage	12V	15V	24V	48V
Rated Current	50A	40A	25A	12.5A
Rated Power(Max)	600W	600W	600W	600W
Ripple & Noise(Max)	200mVp-p	200mVp-p	240mVp-p	360mVp-p
Input Voltage	90 ~ 132VAC / 180 ~ 264VAC by switch			
Inrush Current	60A at 230V AC / 35A at 115V AC			
Efficiency	90%	91%	92%	92%
Working Temperature	-20 ~ +70℃ (Refer to "Derating Curve")			
Withstand Voltage	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC			
Protection	Over Load / Over Voltage / Over Temperature			
Connection	I/P: 3 poles terminal Block O/P: 6 poles terminal Block			

UPAD SERIES

Security & UPS



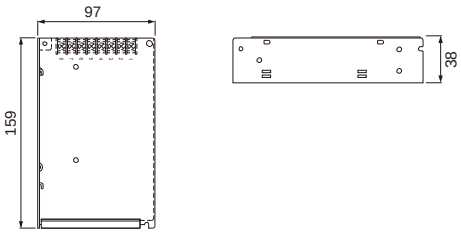
UPAD-55

NEW



Universal AC input / Full range
Protections: Short circuit/ Overload/ Over voltage
Battery low protections
Cooling by free air convection
100% full load burn-in test
Fixed switching frequency at 45KHz
2 years warranty

Dimensions:(mm)



Safety Standard:

UL 62368-1
IEC 62368-1
BS EN/EN 62368-1

EMC Standard:

EN 55032
EN 61000-3-2,-3
EN 61000-4-2,3,4,5,6,8,11

CE UK CA

Electrical Characteristics

Model No.	UPAD-55A		UPAD-55B	
Output Number	CH1	CH2	CH1	CH2
DC Voltage	13.8V	13.4V	27.6V	26.5V
Rated Current	3.5A	0.23A	1.8A	0.16A
Rated Power(Max)	51.38W		53.92W	
Ripple & Noise(Max)	100mVp-p		100mVp-p	
Input Voltage	88 ~ 264VAC 124 ~ 370VDC			
Inrush Current	40A at 230V AC / 20A at 115V AC			
Efficiency	71%		74%	
Working Temperature	-10 ~ +60℃ (Refer to "Derating Curve")			
Withstand Voltage	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC			
Protection	Over Load / Over Voltage / Battery Low			
Connection	I/P: 3 poles terminal Block O/P: 4 poles terminal Block			

UPAD-155

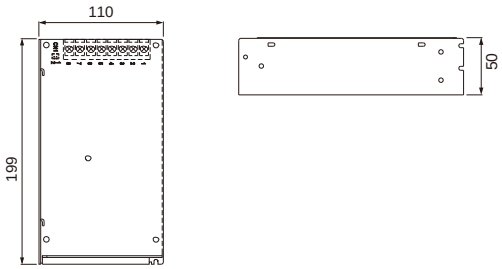
ENCLOSED POWER SUPPLIES

NEW



Universal AC input / Full range
Protections: Short circuit/Overload/Over voltage
Battery low and battery polarity protection
Cooling by free air convection
100% full load burn-in test
Fixed switching frequency at PFC 67KHz, PWM 134KHZ
2 years warranty

Dimensions:(mm)



Safety Standard:

UL 62368-1
IEC 62368-1
BS EN/EN 62368-1

EMC Standard:

EN 55032
EN 61000-3-2,-3
EN 61000-4-2,3,4,5,6,8,11

CE UKCA

Electrical Characteristics

Model No.	UPAD-155A		UPAD-155B	
Output Number	CH1	CH2	CH1	CH2
DC Voltage	13.8V	13.3V	27.6V	27.1V
Rated Current	10.5A	0.5A	5A	0.5A
Rated Power(Max)	151.55W		151.55W	
Ripple & Noise(Max)	150mVp-p		150mVp-p	
Input Voltage	88 ~ 264VAC 124 ~ 370VDC			
Inrush Current	23A at 115V AC / 45A at 230V AC			
Efficiency	80%		84%	
Working Temperature	-10 ~ +60℃ (Refer to "Derating Curve")			
Withstand Voltage	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC			
Protection	Over Load / Over Voltage / Battery Low			
Connection	I/P: 3 poles terminal Block O/P: 4 poles terminal Block			