

AG

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Standard Switching Power Supply Manufacturer



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LRS Series

35~600W Low profile Single Output Enclosed Type



LRS-200 LRS-150 LRS-100 LRS-75 LRS-35/50
LRS-200N2 LRS-150F LRS-100N2



LRS-350~600
LRS-350~600N2



LRS Spec

Features

- Withstand 300 VAC surge input for 5 sec
- **1U low profile (30~41mm)**
- Withstand 5G vibration test
- High operating temperature up to 70°C
- Protections: Short Circuit/Overload/Over Voltage/Over Temp.(LRS-150~600)
- Cooling by free air convection (LRS-35~200)
- **Provide 200% peak power (LRS-100N2/200N2/350N2/600N2)**
- Forced air cooling by built-in DC fan (350~600W)
- Operating altitude up to 5000 meters
- Long MTBF, 1500k~3300k hrs all series
- LED indicator for power on
- 3 years warranty

Models



Model No.	LRS-35	LRS-50	LRS-75	LRS-100	LRS-100N2	LRS-150F	LRS-150
Vin	85~264VAC	85~264VAC	85~264VAC	85~264VAC	85~264VAC	85~264VAC	115/230VAC by switch
Vout /Iout	5V, 0~7A	3.3V, 0~10A	5V, 0~14A	3.3V, 0~20A	12V, 0~8.5A	5V, 0~22A	12V, 0~12.5A
	12V, 0~3A	5V, 0~10A	12V, 0~6A	5V, 0~18A	24V, 0~4.5A	12V, 0~12.5A	15V, 0~10A
	15V, 0~2.4A	12V, 0~4.2A	15V, 0~5A	12V, 0~8.5A	36V, 0~2.8A	15V, 0~10A	24V, 0~6.5A
	24V, 0~1.5A	15V, 0~3.4A	24V, 0~3.2A	15V, 0~7A	48V, 0~2.3A	24V, 0~6.5A	36V, 0~4.3A
	36V, 0~1A	24V, 0~2.2A	36V, 0~2.1A	24V, 0~4.5A		36V, 0~4.3A	48V, 0~3.3A
	48V, 0~0.8A	36V, 0~1.45A	48V, 0~1.6A	36V, 0~2.8A		48V, 0~3.3A	
Dimension (mm)	99x82x30		99x97x30	129x97x30		159x97x30	

Model No.	LRS-200	LRS-200N2	LRS-350	LRS-350N2	LRS-450	LRS-600	LRS-600N2
Vin	115/230VAC by switch						
Vout /Iout	3.3V, 0~40A	12V, 0~17A	3.3V, 0~60A	12V, 0~29A	5V, 0~75A	5V, 0~100A	12V, 0~50A
	4.2V, 0~40A	24V, 0~8.8A	4.2V, 0~60A	24V, 0~14.6A	12V, 0~37.5A	12V, 0~50A	24V, 0~25A
	5V, 0~40A	36V, 0~5.9A	5V, 0~60A	36V, 0~9.7A	15V, 0~30A	15V, 0~40A	36V, 0~16.6A
	12V, 0~17A	48V, 0~4.4A	12V, 0~29A	48V, 0~7.3A	24V, 0~18.8A	24V, 0~25A	48V, 0~12.5A
	15V, 0~14A		15V, 0~23.2A		36V, 0~12.5A	27V, 0~22.2A	
	24V, 0~8.8A		24V, 0~14.6A		48V, 0~9.4A	36V, 0~16.6A	
	36V, 0~5.9A		36V, 0~9.7A			48V, 0~12.5A	
	48V, 0~4.4A		48V, 0~7.3A				
Dimension (mm)	215x115x30		215x115x30		225x124x35	225x124x41	

We recommend verifying availability

450~1500W Medium/High Power Enclosed Type

SE Series



Features

- Protections: Short Circuit/Overload/Over Voltage/Over Temp.
- Forced air cooling by built-in DC fan
- Built-in remote sense function
- With DC_OK signal output, built-in remote ON-OFF control (SE-1000/1500)
- LED indicator for power on
- 2 years warranty

Models



Model No.	SE-450	SE-600	SE-1000	SE-1500
Vin	115/230VAC by switch			180~264VAC
Vout /Iout	3.3V, 0~75A	5V, 0~100A	5V, 0~150A	5V, 0~300A
	5V, 0~75A	12V, 0~50A	9V, 0~100A	12V, 0~125A
	12V, 0~37.5A	15V, 0~40A	12V, 0~83.3A	15V, 0~100A
	15V, 0~30A	24V, 0~25A	15V, 0~66.7A	24V, 0~62.5A
	24V, 0~18.8A	27V, 0~22.2A	24V, 0~41.7A	27V, 0~55.6A
	36V, 0~12.5A	36V, 0~16.6A	48V, 0~20.8A	48V, 0~31.3A
	48V, 0~9.4A	48V, 0~12.5A		
Dimension (mm)	225x124x50	247x127x63.5	278x127x63.5	278x177.8x63.5

* Highly recommended to use LRS-450/600 for SE-450/600 replacement

We recommend verifying availability

RT-125
RQ-125RT-85
RQ-85RT-65
RQ-65RT-50
RQ-50

G3 Spec

Models

Dual Output



Model No.	Output Number	RD-125-1224	RD-125-2412	RD-125-1248	RD-125-4812
Vout / Iout	CH1	12V, 0~7A	24V, 0~5A	12V, 0~7A	48V, 0~2.5A
	CH2	24V, 0~5A	12V, 0~7A	48V, 0~2.5A	12V, 0~7A
Dimension (mm)		199x98x38			

Model No.	Output Number	RD-125-2448	RD-125-4824	RD-125-1205	RD-125-2405
Vout / Iout	CH1	24V, 0~4A	48V, 0~2.5A	12V, 0~10.5A	24V, 0~5.3A
	CH2	48V, 0~2.5A	24V, 0~4A	5V, 0~3A	5V, 0~3A
Dimension (mm)		199x98x38			

Note: Output isolation model available: RID-125 series (Please refer to the specification for details)

Quad Output

Model No.	Output Number	RQ- 50B	RQ- 50C	RQ- 50D	RQ- 65B	RQ- 65C	RQ- 65D
Vout / Iout	CH1	5V, 0~6A	5V, 0~6A	5V, 0~6A	5V, 0~8A	5V, 0~8A	5V, 0~8A
	CH2	12V, 0~1.5A	15V, 0~1.5A	12V, 0~1.5A	12V, 0~3A	15V, 0~3A	12V, 0~3A
	CH3	-5V, 0~1A	-5V, 0~1A	24V, 0~1A	-5V, 0~1A	-5V, 0~1A	24V, 0~1.5A
	CH4	-12V, 0~1A	-15V, 0~1A	-12V, 0~1A	-12V, 0~1A	-15V, 0~1A	-12V, 0~1A
Dimension (mm)		99x97x36			129x98x38		

Model No.	Output Number	RQ- 85B	RQ- 85C	RQ- 85D	RQ- 125B	RQ- 125C	RQ- 125D
Vout / Iout	CH1	5V, 0~10A	5V, 0~10A	5V, 0~10A	5V, 0~12A	5V, 0~12A	5V, 0~12A
	CH2	12V, 0~4A	15V, 0~4A	12V, 0~4A	12V, 0~4.5A	15V, 0~4A	12V, 0~4A
	CH3	-5V, 0~1A	-5V, 0~1A	24V, 0~1.5A	-5V, 0~1A	-5V, 0~1A	24V, 0~2.5A
	CH4	-12V, 0~1A	-15V, 0~1A	-12V, 0~1A	-12V, 0~1A	-15V, 0~1A	-12V, 0~1A
Dimension (mm)		159x97x38			199x98x38		

Note: Triple output models: RT-50/65/85/125 have no -5V or -12V (Please refer to the specification for details)

We recommend verifying availability

RSP Series

75~500W Low/Medium Power Enclosed Type
(with PFC function)



RSP-200 RSP-150 RSP-100 RSP-75



RSP-500 RSP-320



RSP Spec

Features

- Universal full range input: 90~264 VAC
- Active PFC function
- 1U Low profile
- Cooling by free air convection (RSP-75~200)
- Forced air cooling by built-in DC fan(RSP-320/500)
- Built-in constant current limiting circuit (RSP-75/100/150)
- Remote ON/OFF control(RSP-75/100/150/500)
- Remote sense/DC OK signal(RSP-500)
- LED indicator for power on
- Protections: Short Circuit/Overload/Over Voltage/Over Temp.
- 3 years warranty

Models



Model No.	RSP-75	RSP-100	RSP-150	RSP-200	RSP-320	RSP-500
Vout / Iout	3.3V, 0~15A	3.3V, 0~20A	3.3V, 0~30A	2.5V, 0~40A	2.5V, 0~60A	3.3V, 0~90A
	5V, 0~15A	5V, 0~20A	5V, 0~30A	3.3V, 0~40A	3.3V, 0~60A	4V, 0~90A
	7.5V, 0~10A	7.5V, 0~13.5A	7.5V, 0~20A	4V, 0~40A	4V, 0~60A	5V, 0~90A
	12V, 0~6.3A	12V, 0~8.5A	12V, 0~12.5A	5V, 0~40A	*5V, 0~60A	12V, 0~41.7A
	13.5V, 0~5.6A	13.5V, 0~7.5A	13.5V, 0~11.2A	7.5V, 0~26.7A	7.5V, 0~40A	15V, 0~33.4A
	15V, 0~5A	15V, 0~6.7A	15V, 0~10A	12V, 0~16.7A	12V, 0~26.7A	24V, 0~21A
	24V, 0~3.2A	24V, 0~4.2A	24V, 0~6.3A	13.5V, 0~14.9A	13.5V, 0~23.8A	27V, 0~18.6A
	27V, 0~2.8A	27V, 0~3.8A	27V, 0~5.6A	15V, 0~13.4A	15V, 0~21.4A	48V, 0~10.5A
	48V, 0~1.6A	48V, 0~2.1A	48V, 0~3.2A	24V, 0~8.4A	24V, 0~13.4A	
				27V, 0~7.5A	27V, 0~11.9A	
			36V, 0~5.56A	36V, 0~8.9A		
			48V, 0~4.2A	48V, 0~6.7A		
Dimension (mm)	159x97x30	179x99x30	199x99x30	215x115x30	215x115x30	230x127x40.5

* RSP-320-5CC with conformal coating is suitable for LED moving sign applications, MOQ required.

We recommend verifying availability

750~3200W High Power Enclosed Type (with PFC function)

RSP Series



RSP-2400/3000

RSP-1500



RSP-2000

RSP-1000

RSP-750

RSP-1600



RSP Spec

Features

- 1U low profile(41mm): RSP-750/1000/1600/2000
- Active PFC function
- Forced air cooling by built-in DC fan
- High power density up to 25W/in³(RSP-1600)
- Output voltage programmable: Widest up to 40~125%
- Constant current level ICC programmable (RSP-750/1600 only)
- Built-in current sharing up to 3 units (RSP-2400/3000),4 units (RSP-1000/1500/2000)or 6 units (RSP-1600)
- Built-in remote sense & remoteON/OFF control
- Built-in auxiliary power, DC OK signal
- OTP alarm signal output (RSP-1600/2000)
- Optional conformal coating
- Protections: Short Circuit/Overload/Over Voltage/Over Temp.
- 5 years warranty

Models



Model No.	RSP-750	RSP-1000	RSP-1500	RSP-1600
Vin	90~264VAC	90~264VAC	90~264VAC	90~264VAC
Vout / Iout	5V, 0~100A	12V, 0~60A	5V, 0~240A	12V, 0~125A
	12V, 0~62.5A	15V, 0~50A	12V, 0~125A	24V, 0~67A
	15V, 0~50A	24V, 0~40A	15V, 0~100A	27V, 0~59A
	24V, 0~31.3A	27V, 0~37A	24V, 0~63A	36V, 0~44.5A
	27V, 0~27.8A	48V, 0~21A	27V, 0~56A	48V, 0~33.5A
	48V, 0~15.7A		48V, 0~32A	
Dimension (mm)	250x127x41	295x127x41	278x127x83.5	300x85x41

Model No.	RSP-2000	RSP-2400	RSP-3000
Vin	90~264VAC	180~264VAC	180~264VAC
Vout / Iout	12V, 0~100A	12V, 0~166.7A	12V, 0~200A
	24V, 0~80A	24V, 0~100A	24V, 0~125A
	48V, 0~42A	48V, 0~50A	48V, 0~62.5A
Dimension (mm)	295x127x41	278x177.8x63.5	278x177.8x63.5

We recommend verifying availability

HRP Series

75~1000W High Reliability Enclosed Type
(with PFC function)



HRP(G)-1000 HRP(G)-600 HRP(G)-450 HRP(G)-300 HRP(G)-200 HRP(G)-150 HRP-100 HRP-75



HRP Spec



HRPG Spec

Features

- Withstand 300 VAC surge input for 5 sec.
- Built-in active PFC function
- Protections: Short Circuit/Overload/Over Voltage/Over Temp.(Optional for HRP-75/HRP-100)
- Built-in constant current limiting circuit
- Built-in remote sense function (HRP-150)
- Built-in 5V / 0.3A standby output (HRPG Series)
- DC OK signal output ($\geq 200W$)
- Current sharing function (HRPG-600-24/36/48,HRPG-1000)
- Cooling by free air ($\leq 200W$)
- Forced air cooling by built-in DC fan ($\geq 300W$)
- LED indicator for power on
- **5 years warranty**

Models



Model No.	HRP-75	HRP-100	HRP □-150	HRP □-200
Vin	85~264VAC	85~264VAC	85~264VAC	85~264VAC
Vout / Iout	3.3V, 0~15A	3.3V, 0~20A	3.3V, 0~30A	3.3V, 0~40A
	5V, 0~15A	5V, 0~17A	5V, 0~26A	5V, 0~35A
	7.5V, 0~10A	7.5V, 0~13.5A	7.5V, 0~20A	7.5V, 0~26.7A
	12V, 0~6.3A	12V, 0~8.5A	12V, 0~13A	12V, 0~16.7A
	15V, 0~5A	15V, 0~7A	15V, 0~10A	15V, 0~13.4A
	24V, 0~3.2A	24V, 0~4.5A	24V, 0~6.5A	24V, 0~8.4A
	36V, 0~2.1A	36V, 0~2.9A	36V, 0~4.3A	36V, 0~5.7A
	48V, 0~1.6A	48V, 0~2.2A	48V, 0~3.3A	48V, 0~4.3A
Dimension (mm)	129x98x38	159x97x38	159x97x38	199x98x38

Model No.	HRP □-300	HRP □-450	HRP □-600	HRPG-1000
Vin	85~264V	85~264V	85~264V	90~264V
Vout / Iout	3.3V, 0~60A	3.3V, 0~90A	3.3V, 0~120A	12V, 0~80A
	5V, 0~60A	5V, 0~90A	5V, 0~120A	15V, 0~64A
	7.5V, 0~40A	7.5V, 0~60A	7.5V, 0~80A	24V, 0~42A
	12V, 0~27A	12V, 0~37.5A	12V, 0~53A	48V, 0~21A
	15V, 0~22A	15V, 0~30A	15V, 0~43A	
	24V, 0~14A	24V, 0~18.8A	24V, 0~27A	
	36V, 0~9A	36V, 0~12.5A	36V, 0~17.5A	
	48V, 0~7A	48V, 0~9.5A	48V, 0~13A	
Dimension (mm)	199x105x41	218x105x41	218x105x63.5	218x105x63.5

□=blank, G; blank: basic function, G: with 5Vsb & no load <0.5~0.75W

We recommend verifying availability



HRP-150N3

HRP-300N3

HRP-600N3

HRPG-1000N3



HRP-N3 Spec

Features

- Universal full range input: 85~264 VAC
- Withstand 300 VAC surge input for 5 sec
- Built-in active PFC function, PF > 0.95
- **350% peak power capability**
- High efficiency up to 94%
- Withstand 5G vibration
- Protections: Short Circuit/Overload/Over Voltage/Over Temp.
- Cooling by free air convection (HRP-150N3)
- Built-in cooling fan ON/OFF control (HRP-300N3/600N3/1000N3)
- Built-in constant current limiting circuit
- Built-in remote sense function
- **5 years warranty**

Models



Model No.	HRP-150N3	HRP-300N3	HRP-600N3	HRPG-1000N3
Vout / Iout	12V, 0~13A	12V, 0~27A	12V, 0~53A	12V, 0~80A
	24V, 0~6.5A	24V, 0~14A	24V, 0~27A	24V, 0~42A
	36V, 0~4.3A	36V, 0~9A	36V, 0~17.5A	36V, 0~28A
	48V, 0~3.3A	48V, 0~7A	48V, 0~13A	48V, 0~21A
Dimension (mm)	159x97x38	199x105x41	218x105x63.5	218x105x61.5

We recommend verifying availability

200~2500W Fanless Power Supply(with PFC function) **UHP Series**

UHP-2500

UHP-1500

UHP-1000

UHP-750

UHP-500

UHP-350

UHP-200



UHP Spec

Features

- Universal full range input: 90~264 VAC
- Withstand 300VAC surge input for 5 sec
- Filled with half glue, dustproof and anti-vibration (except UHP-2500)
- Slim width and low profile
- Built-in active PFC function
- 150% peak load capacity (100ms, UHP-200~500)
- Fanless design, free air convection
- Output voltage and constant current level adjustable ($\geq 1000W$)
- Protections: Short Circuit/Overload/Over Voltage/Over Temp.
- Optional PMBus or CANBus protocol(UHP-1500/2500)
- Redundancy function(UHP-R Series)/remote ON-OFF control ($\geq 1000W$)
- DC OK active signal/LED indicator for power on
- 3 years warranty(UHP-200~750)
- 5 years warranty(UHP-1000/1500/2500)

Models



Model No.	UHP-200 <input type="checkbox"/>	UHP-350 <input type="checkbox"/>	UHP-500 <input type="checkbox"/>	UHP-750	UHP-1000	UHP-1500	UHP-2500
Vout / Iout	3.3V, 0~40A	3.3V, 0~60A	4.2V, 0~80A	12V, 0~60A	12V, 0~80A	24V, 0~62.5A	24V, 0~104.2A
	4.2V, 0~40A	4.2V, 0~60A	5V, 0~80A	24V, 0~31.3A	24V, 0~42A	48V, 0~31.5A	36V, 0~69.4A
	5V, 0~40A	5V, 0~60A	12V, 0~41.7A	36V, 0~21A	36V, 0~28A		48V, 0~52.1A
	12V, 0~16.7A	12V, 0~29.2A	15V, 0~33.4A	48V, 0~15.7A	48V, 0~21A		
	15V, 0~13.4A	15V, 0~23.4A	24V, 0~20.9A				
	24V, 0~8.4A	24V, 0~14.6A	36V, 0~13.9A				
	36V, 0~5.6A	36V, 0~9.75A	48V, 0~10.45A				
	48V, 0~4.2A	48V, 0~7.3A	55V, 0~8.9A				
	55V, 0~3.6A	55V, 0~6.3A					
Dimension (mm)	194x55x26	220x62x31	233x81x31	237x100x41	240x115x41	290x140x41	310x140x60

=blank, R blank:Enclosed R:Built-in DC OK active signal and redundant function .

We recommend verifying availability



Features

- Universal full range input: 85~264 VAC
- **Medical safety approved (2x MOOP)**
- Built-in active PFC function
- Withstand 300VAC surge input for 5 secs.
- Protections: Short Circuit/Overload/Over Voltage/Over Temp.
- Built-in constant current limiting circuit
- Built-in remote sense function/remote ON-OFF control (MSP-200/300/4500/600/1000)
- Current sharing up to 4 units (MSP-600-24/36/48, MSP-1000)
- No load power consumption < 0.5W~0.8W
- Stand by 5V@0.3A (MSP-200/300/4500/600/1000)
- Built-in DC OK signal (MSP-300/4500/600/1000)
- **5 years warranty**

Models



Model No.	MSP-100	MSP-200	MSP-300	MSP-450	MSP-600	MSP-1000
Vout / Iout	3.3V, 0~20A	3.3V, 0~40A	3.3V, 0~60A	3.3V, 0~90A	3.3V, 0~120A	12V, 0~80A
	5V, 0~17A	5V, 0~35A	5V, 0~60A	5V, 0~90A	5V, 0~120A	15V, 0~64A
	7.5V, 0~13.5A	7.5V, 0~26.7A	7.5V, 0~40A	7.5V, 0~60A	7.5V, 0~80A	24V, 0~42A
	12V, 0~8.5A	12V, 0~16.7A	12V, 0~27A	12V, 0~37.5A	12V, 0~53A	48V, 0~21A
	15V, 0~7A	15V, 0~13.4A	15V, 0~22A	15V, 0~30A	15V, 0~43A	
	24V, 0~4.5A	24V, 0~8.4A	24V, 0~14A	24V, 0~18.8A	24V, 0~27A	
	36V, 0~2.9A	36V, 0~5.7A	36V, 0~9A	36V, 0~12.5A	36V, 0~17.5A	
	48V, 0~2.2A	48V, 0~4.3A	48V, 0~7A	48V, 0~9.5A	48V, 0~13A	
Dimension (mm)	159x97x38	199x98x38	199x105x41	218x105x41	218x105x63.5	218x105x63.5

We recommend verifying availability

HDR Series

15~150W Step Shape DIN Rail Power



HDR-15

HDR-30

HDR-60

HDR-100

HDR-150



HDR Spec

Features

- Universal full range input: 85~264 VAC (277 VAC operational)
- Isolation Class II
- DIN Rail: TS-35/7.5 or TS-35/15
- Cooling by free air convection
- Protections: Short Circuit/Overload/Over Voltage
- No load power consumption <0.3W
- Class 2 power unit/Pass LPS (HDR-15/30/60/100)
- Over voltage category III
- DC output voltage adjustable
- LED indicator for power on
- 3 years warranty

Models



Model No.	HDR-15	HDR-30	HDR-60	HDR-100	HDR-100 -N	HDR-150
Vout / Iout	5V, 0~2.4A	5V, 0~3A	5V, 0~6.5A	12V, 0~7.1A	12V, 0~7.5A	12V, 0~11.3A
	12V, 0~1.25A	12V, 0~2A	12V, 0~4.5A	15V, 0~6.13A	15V, 0~6.5A	15V, 0~9.5A
	15V, 0~1A	15V, 0~2A	15V, 0~4A	24V, 0~3.83A	24V, 0~4.2A	24V, 0~6.25A
	24V, 0~0.63A	24V, 0~1.5A	24V, 0~2.5A	48V, 0~1.92A	48V, 0~2.1A	48V, 0~3.2A
	48V, 0~0.32A	48V, 0~0.75A	48V, 0~1.25A			
Dimension (mm)	17.5x90x54.5	35x90x54.5	52.5x90x54.5	70x90x54.5	70x90x54.5	105x90x54.5

HDR-100: 92W max., pass LPS

HDR-100-xxN: 100W max., non-LPS with a wide output adjustable range

We recommend verifying availability



MDR-10

MDR-20

MDR-40

MDR-60

MDR-100

Features

- Universal full range input: 85~264 VAC
- **Class I power unit**
- DIN Rail: TS-35/7.5 or TS-35/15
- Cooling by free air convection
- Protections: Short Circuit/Overload/Over Voltage
- Built-in active PFC and over temp. protection (MDR-100)
- **Div 2 Hazardous Locations T4 (MDR-40/60)**
- No load power consumption <0.75~1W
- DC OK signal output (MDR-10/20)
- DC OK relay contact (MDR-40~100)
- DC output voltage adjustable (MDR-20~100)
- LED indicator for power on
- 3 years warranty

Models



Model No.	MDR-10	MDR-20	MDR-40	MDR-60	MDR-100
Vout / Iout	5V, 0~2A	5V, 0~3A	5V, 0~6A	5V, 0~1A	12V, 0~7.5A
	12V, 0~0.84A	12V, 0~1.67A	12V, 0~3.33A	12V, 0~5A	24V, 0~4A
	15V, 0~0.67A	15V, 0~1.34A	24V, 0~1.7A	24V, 0~2.5A	48V, 0~2A
	24V, 0~0.42A	24V, 0~1A	48V, 0~0.83A	48V, 0~1.25A	
Dimension (mm)	22.5x90x100	22.5x90x100	40x90x100	40x90x100	55x90x100

HDR vs. MDR

Difference Series	Casing Type	Protection Classes	Over Voltage Category	Working Temp.
HDR	Step Shape	Class II	OVC III	-30~+70°C
MDR	Ultra Slim	Class I	-----	-20~+70°C

We recommend verifying availability

SDR Series

75~960W High Performance DIN Rail Power



Features

- Universal AC input / Full range(SDR-75~480)
180~264 VAC input only (SDR-960)
- DIN Rail: TS-35/7.5 or TS-35/15
- High efficiency up to **94%**
- Cooling by free air convection
- Protections: Short Circuit/Overload/
Over Voltage/Over Temp.
- **130%~150%** peak load capability
- DC output voltage adjustable
- **Current sharing** (7+1 for SDR-480P, 3+1 for SDR-960)
- Built-in DC OK relay contact (Except for SDR-75)
- Built-in constant current limiting circuit
- **Comply with SEMI-F47**
- EN61000-6-2 (EN50082-2) industrial immunity level
- UL508(industrial control equipment) approved
- 3 years warranty

Models



Model No.	SDR-75	SDR-120	SDR-240	SDR-480 <input type="checkbox"/>	SDR-960
Vin	88~264VAC	88~264VAC	88~264VAC	90~264VAC	180~264VAC
Vout / Iout	12V, 0~6.3A	12V, 0~10A	24V, 0~10A	24V, 0~20A	24V, 0~40A
	24V, 0~3.2A	24V, 0~ 5A	48V, 0~5A	48V, 0~10A	48V, 0~20A
	48V, 0~1.6A	48V, 0~2.5A			
Dimension (mm)	32x125.2x102	40x125.2x113.5	63x125.2x113.5	85.5x125.2x128.5	110x125.2x150

=blank, P ; Blank: basic function, P: with parallel function

We recommend verifying availability



NDR-75 NDR-120 NDR-240 NDR-480



EDR-75 EDR-120 EDR-150



NDR Spec



EDR Spec

Features

- Universal full range input:90~264 VAC
- DIN Rail: TS-35/7.5 or TS-35/15
- Built-in active PFC (NDR-240/480)
- Cooling by free air convection
- Protections: Short Circuit/Overload/Over Voltage/Over Temp.
- DC output voltage adjustable
- Built-in constant current limiting circuit
- EN61000-6-2 (EN50082-2) industrial immunity level
- UL508 (industrial control equipment) approved
- LED indicator for power on
- 3 years warranty (NDR Series)
- 2 years warranty (EDR Series)

Models



Model No.	NDR-75	NDR-120	NDR-240	NDR-480
Vout / Iout	12V, 0~6.3A	12V, 0~10A	24V, 0~10A	24V, 0~20A
	24V, 0~3.2A	24V, 0~5A	48V, 0~5A	48V, 0~10A
	48V, 0~1.6A	48V, 0~2.5A		
Dimension (mm)	32x125.2x102	40x125.2x113.5	63x125.2x113.5	85.5x125.2x128.5



Model No.	EDR-75	EDR-120	EDR-150
Vout / Iout	12V, 0~6.3A	12V, 0~10A	24V, 0~6.5A/0~5.2A
	24V, 0~3.2A	24V, 0~5A	
	48V, 0~1.6A	48V, 0~2.5A	
Dimension (mm)	32x125.2x102	40x125.2x113.5	40x125.2x113.5

EDR vs. NDR

Difference Series	EMI	Working Temp.	Warranty
EDR	Class A	-20~+60 °C	2 years
NDR	Class B	-20~+70 °C	3 years

WDR/TDR Series

WDR 60~480W Single-Phase Wide Input DIN Rail
 TDR 240~960W Three-Phase Wide Input DIN Rail



WDR-60 WDR-120 WDR-240 WDR-480



TDR-240 TDR-480 TDR-960



WDR Spec



TDR Spec

WDR Features

- Single or two phase ultra wide input range 180~550VAC
- DIN Rail: TS-35/7.5 or TS-35/15
- Built-in active PFC (WDR-240/480)
- Built-in constant current limiting circuit
- Cooling by free air convection
- Protections: Short Circuit/Overload/Over Voltage/Over Temp.
- DC output voltage adjustable
- EN61000-6-2 (EN50082-2) industrial immunity level
- Built-in DC OK relay contact
- Over voltage category III (WDR-60)
- 3 years warranty

TDR Features

- 3-phase, 340~550VAC wide range input (2-phase operation possible)
- Slim width with 63~110 mm
- DIN Rail: TS-35/7.5 or TS-35/15
- Built-in active PFC function (TDR-480/960)
Built-in passive PFC function (TDR-240)
- High efficiency up to 94.5%
- Cooling by free air convection
- Protections: Overload/Over Voltage/Over Temp.
- DC output voltage adjustable
- UL508 / UL61010-1 Industrial control equipment approved
- Current sharing up to 3840W (3+1) for TDR-960
- Built-in DC OK relay contact (optional for TDR-480)
- 3 years warranty

Models



Model No.	WDR-60	WDR-120	WDR-240	WDR-480
Vout / Iout	5V, 0~10A	12V, 0~10A	24V, 0~10A	24V, 0~20A
	12V, 0~5A	24V, 0~5A	48V, 0~5A	48V, 0~10A
	24V, 0~2.5A	48V, 0~2.5A		
	48V, 0~1.25A			
Dimension (mm)	32x125.2x102	40x125.2x113.5	63x125.2x113.5	85.5x125.2x128.5



Model No.	TDR-240	TDR-480	TDR-960
Vout / Iout	24V, 0~10A	24V, 0~20A	24V, 0~40A
	48V, 0~5A	48V, 0~10A	48V, 0~20A
Dimension (mm)	63x125.2x113.5	85.5x125.2x128.5	110x125.2x150

We recommend verifying availability



■ DRA Features

- Universal full range input: 90~264 VAC
- DIN Rail: TS-35/7.5 or TS-35/15
- **Output current adjustable through external 1~10VDC or PWM signal or resistance**
- Cooling by free air convection
- Protections: Overload/Over Voltage/Over Temp.
- Pass LPS
- DC output voltage adjustable
- LED indicator for power on
- 3 years warranty

■ DRDN Features

- **Support 1+1 and N+1 redundancy system**
- DIN Rail: TS-35/7.5 or TS-35/15
- Output current 20A & 40A
- Suitable for redundancy operation of 12V/24V/48V system
- 2 channels input and 1 output
- -40~+80°C ultra wide operation temp. (>+60°C derating)
- Built-in 2 channels DC OK signal and alarm relay contact
- LED indicator for power on
- 3 years warranty

■ Models



Model No.	DRA-40	DRA-60
Vout / Iout	12V, 0~3.34A	12V, 0~5A
	24V, 0~1.7A	24V, 0~2.5A
Dimension (mm)	40x90x100	40x90x100



Model No.	DRDN20- □	DRDN40 -□
Rated Voltage/ Current	12V, 0~20A	12V, 0~40A
	24V, 0~20A	24V, 0~40A
	48V, 0~20A	48V, 0~40A
Dimension (mm)	32x125.2x102	55x125.2x113.5

□=12, 24, 48

We recommend verifying availability

EPS Series

5~120W Single Output Industrial PCB Type



PS-05
(2.95"x1.57")



EPS-15
(2.5"x1.8")



EPS-25/35
(3"x2")



EPS-45S/65S
(3"x2")



EPS-45/65
(4"x2")



EPS-45-x-C
EPS-65-x-C
(4"x2")



EPS-120
(4"x2")



EPS Spec

Features

- Universal AC input/Full range
- No load power consumption < 0.1~0.3W
- Provide 110% peak power for 10 secs.
- **Compact size**, 1U low profile
- Cooling by free air convection
- Protections: Short Circuit/Overload/Over Voltage
- Class I or Class II installations
- -30~+70°C wide range of operating temp.
- 12V/0.5A for external FAN supply (EPS-120)
- LED indicator for power on (Except for EPS-15)
- Optional Enclosed type (EPS-45/65-C)
- 3 years warranty

Models



	2.95"x 1.57"	2.5"x 1.8"	3"x 2"			
Model No.	PS-05	EPS-15	EPS-25	EPS-35	EPS-45S	EPS-65S
Vin	85~264VAC	85~264VAC	85~264VAC	85~264VAC	80~264VAC	80~264VAC
Vout / Iout	5V, 0~1A	3.3V, 0~3A	3.3V, 0~5A	3.3V, 0~6A	3.3V, 0~8A	3.3V, 0~10A
	12V, 0~0.45A	5V, 0~3A	5V, 0~5A	5V, 0~6A	5V, 0~8A	5V, 0~10A
	15V, 0~0.35A	7.5V, 0~2A	7.5V, 0~3.4A	7.5V, 0~4.7A	7.5V, 0~5.4A	7.5V, 0~8A
	24V, 0~0.22A	12V, 0~1.25A	12V, 0~2.1A	12V, 0~3A	12V, 0~3.8A	12V, 0~5.42A
	48V, 0~0.11A	15V, 0~1A	15V, 0~1.7A	15V, 0~2.4A	15V, 0~3A	15V, 0~4.34A
		24V, 0~0.625A	24V, 0~1.05A	24V, 0~1.5A	24V, 0~1.9A	24V, 0~2.71A
		27V, 0~0.56A	27V, 0~0.95A	27V, 0~1.3A	48V, 0~0.94A	48V, 0~1.36A
		36V, 0~0.42A	36V, 0~0.7A	36V, 0~1A		
Dimension (mm)	75x40x20	63.5x45.7x24	76.2x50.8x24	76.2x50.8x24	76.2x50.8x24	76.2x50.8x24

	4"x 2"		
Model No.	EPS-45-x □	EPS-65-x □	EPS-120
Vin	90~264VAC	90~264VAC	80~264VAC
Vout / Iout	3.3V, 8A	3.3V, 11A	12V, 7A
	5V, 8A	5V, 11A	15V, 5.6A
	7.5V, 5.4A	7.5V, 8A	24V, 3.5A
	12V, 3.75A	12V, 5.42A	27V, 3.15A
	15V, 3A	15V, 4.34A	48V, 1.75A
	24V, 1.9A	24V, 2.71A	
	36V, 1.25A	36V, 1.81A	
	48V, 1A	48V, 1.36A	
Dimension (mm)	PCB:101.6x50.8x29 ; Case: 103.4x62x37		101.6x50.8x29

□=Blank, -C Blank:PCB type -C:Enclosed type

We recommend verifying availability



EPP-120S
(3"x2")

EPP-100
(4"x2")

EPP-150
(4"x2")

EPP-200
(4"x2")

EPP-300
(5"x3")

EPP-400
(5"x3")

EPP-500
(5"x3")



EPP Spec

Features

- Universal AC input/Full range
- Built-in Active PFC
- Class I or Class II installations
- No load power consumption < 0.5W
- High efficiency up to 94%
- Protections: Short Circuit/Overload/Over Voltage/Over Temp.
- 12V for external FAN supply (EPP-300~500)
- PG signal & remote sense function (EPP-300~500)
- Operating altitude up to 5000 meters (EPP-120S~500)
- LED indicator for power on (Except for EPP-120S)
- 3 years warranty

Models



	3"x2"		4"x2"	
Model No.	EPP-120S (Convection/Peak 10 sec.)	EPP-100 (Convection/20CFM)	EPP-150 (Convection/20CFM)	EPP-200 (Convection/10CFM)
Vin	80~264VAC	90~264VAC	90~264VAC	80~264VAC
Vout / Iout	12V, 9.5A / 11.8A	12V, 6.3A / 8.5A	12V, 8.4A / 12.5A	12V, 11.7A / 16.7A
	15V, 7.6A / 9.5A	15V, 5A / 6.67A	15V, 6.7A / 10A	15V, 9.4A / 13.4A
	24V, 5A / 6.25A	24V, 3.2A / 4.2A	24V, 4.2A / 6.25A	24V, 5.9A / 8.4A
	27V, 4.44A / 5.55A	27V, 2.8A / 3.71A	27V, 3.71A / 5.56A	27V, 5.3A / 7.5A
	48V, 2.5A / 3.125A	48V, 1.6A / 2.1A	48V, 2.1A / 3.125A	48V, 3A / 4.2A
Dimension (mm)	76.2x50.8x28	101.6x50.8x29	101.6x50.8x29	101.6x50.8x29

	5"x3"		
Model No.	EPP-300 (Convection/20.5CFM)	EPP-400 (Convection/25CFM)	EPP-500 (Convection/25CFM)
Vin	90~264VAC	80~264VAC	80~264VAC
Vout / Iout	12V, 16.67A / 25A	12V, 20.8A / 33.3A	12V, 26.7A / 41.6A
	15V, 13.33A / 20A	15V, 16.7A / 26.7A	15V, 21.3A / 33.3A
	24V, 8.33A / 12.5A	24V, 10.5A / 16.7A	18V, 17.8A / 27.8A
	27V, 7.4A / 11.12A	27V, 9.3A / 14.9A	24V, 13.4A / 20.8A
	48V, 4.17A / 6.25A	36V, 7A / 11.2A	27V, 11.9A / 18.5A
		48V, 5.3A / 8.4A	36V, 8.9A / 13.9A
			48V, 6.7A / 10.4A
			54V, 5.93A / 9.26A
Dimension (mm)	127x76.2x35	127x76.2x35	127x76.2x41

We recommend verifying availability

DRC/DRS Series

40~480W Security/Fire Alarm DIN Rail



DRC-40 40x90x100 mm DRC-60 40x90x100 mm DRC-100 55x90x100 mm DRC-180 63x125.2x113.5 mm DRS-240 85.5x125.2x129.2 mm DRS-480 110x125.2x150.7 mm



Spec

DRC Features

- Universal AC input/Full range: 90~264VAC
- Single output with battery charging control, external battery can be connected to constitute UPS function
- Pass LPS (DRC-40/60)
- Fanless design, free air convection
- Alarm signal for AC OK and battery low via relay contact
- Protections: Short Circuit/Overload/Over Voltage/ Battery Low /Battery Reverse Polarity(fuse)
- -30~+70°C wide operating temperature
- LED indicator for power on
- 3 years warranty

DRS Features

- Universal AC input/Full range: 90~305 VAC
- Integrated multifunctional intelligent power supply for Security/Fire Alarm (Power Supply, DC-UPS, Battery Charging, and Status Monitoring)
- Signal and alarms design meet UL2524/EN54-4/GB17945 requirement
- Load power prioritized when the AC power grid is abnormal
- Form-C relay, detects AC fail, DC OK, low battery voltage, abnormal detection of charging circuit
- Built-in MODBus protocol (CANBus optional)
- Protections: Short Circuit/Overload/Over Voltage/Over Temp. (auto derating)/Battery Discharged/Battery Undervoltage/ Battery Reverse Polarity (No damage)
- 20~100% charging current adjustable by VR
- 2 or 3 charging curves, adjustable by DIP S.W
- -30~+70°C wide operating temperature
- Suitable for lead acid and lithium-ion batteries
- 3 years warranty

Models



Model No.	Output Number	DRC-40A	DRC-40B	DRC-60A	DRC-60B
Vout / Iout	CH1 (Main Power)	13.8V, 0~2.9A	27.6V, 0~1.45A	13.8V, 0~4.3A	27.6V, 0~2.15A
	CH2 (Charging)	13.8V, 0~1A	27.6V, 0~0.5A	13.8V, 0~1.5A	27.6V, 0~0.75A

Model No.	Output Number	DRC-100A	DRC-100B	DRC-180A	DRC-180B
Vout / Iout	CH1 (Main Power)	13.8V, 0~7A	27.6V, 0~3.5A	13.8V, 0~9A	27.6V, 0~4.5A
	CH2 (Charging)	13.8V, 0~2.5A	27.6V, 0~1.25A	13.8V, 0~4A	27.6V, 0~2A

Model No.	DRS-240	DRS-480
Vout / Iout	12V, 0~20A	24V, 0~20A
	24V, 0~10A	36V, 0~13.3A
	36V, 0~6.6A	48V, 0~10A
	48V, 0~5A	

Note:
DRS series built-in high current charging function
Total Output Wattage =
Charging Wattage + Load Wattage

Product Profile	Type	Series Name	Watt.	Function								Design ref. Safety	
				Charger	Charging Adj.	UPS	AC OK	DC OK	BAT. Low	No BAT.	Alarm		Com
Basic		SCP	35W 50W 75W										
		AD	55W 155W	✓									
Advance	Enclosed	LAD	120W 240W 360W 600W	✓		✓	✓ (TTL)		✓ (TTL)		✓ (buzzer optional)	360/600w UART optional	GB17945
		PSC	35W 60W 100W 160W	✓		✓	✓ (RELAY)		✓ (TTL)				
		DRC	40W 60W 100W 180W	✓		✓	✓ (RELAY)		✓ (TTL)				
Premium	DIN-Rail (Quick Attach)	DRS	240W 480W	✓	✓ (20-100%)	✓	✓ (RELAY)	✓ (RELAY)	✓ (RELAY)	✓ (RELAY)	✓ (MODBus)	✓ (MODBus)	UL2524 EN54-4 GB17945

LP Series

18~150W

■ Features

- Constant voltage mode for LPH / LPV / LPVL series
Constant current mode for LPHC / LPC series
- Fully encapsulated with IP67 level
- Isolation class II, no F.G.
- Class 2 power unit / Pass LPS
(except for LPV/LPVL/LPC-100~150 and LPV-60-5)
- Protections: Short Circuit / Over Voltage / Overload
(only for LPV series) / Over Temperature
(only for 18W&150W)
- 2 years warranty



LPH Spec



LPV(L) Spec



LPHC Spec



LPC Spec

■ Models



Model No.	LPH-18	LPV-20	LPV-35	LPV-60	LPV-100	LPV-150	LPVL-150
Input (V)	180~264	90~264	90~264	90~264	90~264	180~305	90~132
Output (V)	12	5	5	5	5	12	12
	24	12	12	12	12	15	24
	36	15	15	15	15	24	
		24	24	24	24	36	
			36	36	36	48	
Dimension (mm)	140x30x22	118x35x26	148x40x30	162x42x32	190x52x37	191x63x37.5	

Model No.	LPHC-18	LPC-20	LPC-35	LPC-60	LPC-100	LPC-150
Input (V)	180~264	90~264	90~264	90~264	90~264	180~305
Output (mA)	350	350	700	1050	350	350
	700	700	1050	1400	500	500
			1400	1750	700	700
					1050	1050
					1400	1400
					1750	1750
					2100	2100
						2450
						2800
						3150
Dimension (mm)	140x30x22	118x35x26	148x40x30	162.5x42.5x32	190x52x37	191x63x37.5

Note: These models are not intended for lighting application in the EU. (EU Recommendation: NPF/LPF/XLN/XLG Series)

We recommend verifying availability

XLG Series

20~320W

■ Features

- Constant power mode output (XLG-25~320)
- Constant current mode (XLG-20 only)
- Full power at 70~100% current
- Universal AC input: 100~305VAC
- Metal case with IP67
- Built-in active PFC function
- Class 2 power unit (XLG-20~100)
- Surge protection with 6KV/4KV (10KV/6KV available)
- India (EESL) version with input over voltage protection; can survive input voltage stress of 440Vac for 48 hours
- Multiple models for choice, see P.33 for more details
- Protections: Short Circuit / Over Current / Over Voltage / Over Temp.
- 5 years warranty



XLG Spec

■ Models



Model No. Output	12 ○	24 ○	L ○	M ○	H ○	V ○	Dimension (mm)
XLG-20			32.4~54V, 0.35A	25.2~42V, 0.5A	18~30V, 0.7A		95x63x30
XLG-25□					22~54V , 0.25~1.05A		105x63x30
XLG-50□					22~54V , 0.53~2.1A		105x63x30
XLG-75□	8.4~12V, 5A	16.8~24V, 3.1A	53~107V, 0.35~1.05A		27~56V , 0.65~2.1A		140x63x32
XLG-100□	8.4~12V, 4~8A	16.8~24V, 2~4A	71~142V, 0.35~1.05A		27~56V , 0.875~2.78A		140x63x32
XLG-150□	8.4~12V, 6.5~12.5A	16.8~24V, 3.2~6.25A	120~214V, 0.35~1.05A	60~107V, 0.7~2.1A	27~56V, 1.4~4.17A		180x63x35.5
XLG-200□	8.4~12V, 8~16A	16.8~24V, 4.15~8.3A	142~285V, 0.35~1.05A		27~56V , 1.75~5.55A		199x63x35.5
XLG-240□			178~342V, 0.35~1.05A	90~171V, 0.7~2.1A	27~56V, 2.4~6.66A		219x63x35.5
XLG-320□			150~300V, 0.5~1.4A	74~148V, 2.1~2.8A	30~56V, 5.57~7.42A	24V/13A 12V/18A	246x77x39.5

□ = Blank/I Blank: For standard version I: For India version ○ = Blank/A /B/AB 12V/24V without dimming

For more details, please refer to P.33

Model No.	Output(V/A)	Dimension (mm)
XLG-240-48-ABV NEW	43.2~52.8V/5A	219x63x35.5
XLG-320-48-ABV NEW	43.2~52.8V/6.5A	246x77x39.5

We recommend verifying availability