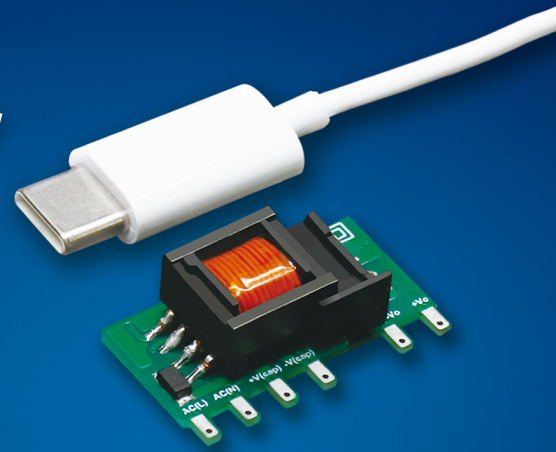


Miniature All-rounder 3-10W AC/DC Converter

LS-R3 series



Less Layout
Space



Controllable
Cost



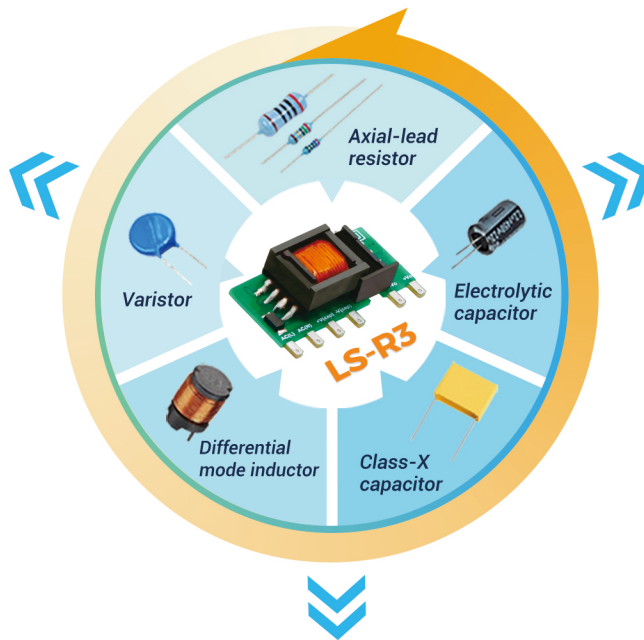
Reliable
Performance

Flexible Peripheral Designs for a Wide Range of Applications

Simplify design with flexible peripheral circuits, meets 4 temperature levels and optional EMC levels for a wide range of applications working in diverse environmental conditions.

4 Temperature levels

Class I	-5 to 45°C
Class II	-25 to 55°C
Class III	-40 to 70°C
Class IV	-40 to 85°C



Optional EMC levels

EMS(EFT&SURGE)

EFT: $\pm 2\text{KV}$

Surge: line to line $\pm 1\text{KV}$

EFT: $\pm 4\text{KV}$

Surge: line to line $\pm 2\text{KV}$

EMI

Class A

Class B

A Wide Range of Applications



IoT



Electric power



White household
appliances



Instrument



Intelligent building



Industrial control



And more...

MORNSUN®

MORNSUN Power

E-mail: info@mornsun.cn

www.mornsun-power.com



Website

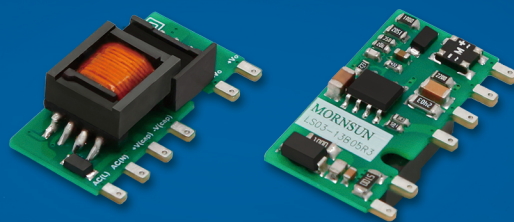


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Technical Specifications (LSxx-13BxxR3)

Features

- › Compact size: 26.4x14.73x11mm(5W)
- › Wide input: 85-305VAC, accepting AC or DC input
- › Operating temperature range: -40°C to +85°C
- › No-load power consumption as low as 0.1W
- › Output short circuit, over-current protection
- › IEC/EN/UL62368 approval(pending)



RoHS



» Selection Guide «

Part No.	Output		Efficiency (%) Typ. @ 230VAC	Capacitive Load (μF) Max.
	Power (W)	Nominal Output Voltage and Current (Vo/Io)		
LS03-13B03R3	1.98	3.3V/600mA	67	820
LS03-13B05R3	3	5V/600mA	72	680
LS03-13B09R3		9V/333mA	76	470
LS03-13B12R3		12V/250mA	77	470
LS03-13B15R3		15V/200mV	78	330
LS03-13B24R3		24V/125mA	80	200
LS05-13B03R3	3.3	3.3V/1000mA	69	2200
LS05-13B05R3	5	5V/1000mA	76	1500
LS05-13B09R3		9V/560mA	77	680
LS05-13B12R3		12V/420mA	79	470
LS05-13B15R3		15V/340mA	79	330
LS05-13B24R3		24V/210mA	81	100
LS10-13B03R3	6.6	3.3V/2000mA	73	1500
LS10-13B05R3	10	5V/2000mA	77	1500
LS10-13B09R3		9V/1100mA	80	1000
LS10-13B12R3		12V/830mA	82	680
LS10-13B15R3		15V/670mA	82	470
LS10-13B24R3		24V/420mA	83	330

*For detailed information, please refer to the datasheet.

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