



We Power Your Products

Product Selection Guide

01/2014



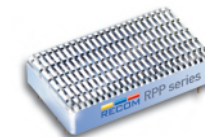
DC/DC Converters



AC/DC Modules



Switching Regulators



LED Drivers

Innovation. Quality. Perfection. At RECOM, that's what we live for.

Innovative technology

If we have become a particularly innovative power supply vendor over the year, it is because our customers are satisfied with nothing less than the best. For in the end, our development team lives and breathes to meet the needs of our customers. Since our first DC/DC converter came off the production line some two decades ago, not a year has gone by without us launching a new innovation.



We stand behind our products

RECOM understands the importance of reliability in your critical applications. That is why we are proud to feature 5 year warranty on most of our Lightline LED drivers, and 3 year warranty on our DC/DC converters, AC/DC converters, and switching regulators. In serving the industrial controls, lighting,



aerospace, medical, and military markets, understanding their needs is paramount to our continued success.

Our goal: ZERO defects

Our products and processes meet the highest international standards and have been given the thumbs-up by some of the world's leading certification organizations. But for us that is just the beginning – because we aim for zero defects. As quixotic though this quest may be, we still do our best to achieve it. And this applies not only to the manufacturing and quality control phases, but also to our product development processes. All our designs go through extensive testing before they are finally released to the market to guarantee the highest quality: Highly Accelerated Lifetime Test (HALT), temperature testing, humidity testing, EMC testing, X-Ray testing and more.



Certified sites: ISO-9001

The quality standards of our manufacturing and logistics sites are ISO-9001 certified to guarantee the highest level of control and quality for customer satisfaction.



Certified products: CE, UL, CSA, ENEC, RCM






















RECOM products offer safety certifications including CE, UL, CSA, ENEC and RCM marks to meet the customer's requirements for safety around the World.



ECONOLINE

UNREGULATED DC/DC CONVERTERS

- Cost Effective
- Short Lead Times
- Industry Standard Pinout
- Isolation Voltages up to 10 kVDC
- Current Limit Protected
- Custom Design Available
- Isolated Outputs
- Unregulated and Regulated Outputs
- Certified to EN60950-1
- 3rd Ed. Medical Approvals (EN60601-1)
- High Efficiency
- 0.25 Watts up to 15 Watts
- Optional Continuous Short Circuit Protection for All Unregulated Parts
- RoHS and REACH Compliant

Series	Power	Vin	Vout	Isolation	Certification	Case	Other Features
 R0.25S/R0.25D/ R0.25DA	0.25 W	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24 ±3.3, ±5, ±9, ±12, ±15, ±24, 5/5, 12/12	1 or 3kVDC	EN  	SMD	Very Low Power, Isolated Dual Outputs (A), High Efficiency (/E)
 RM	0.25 W	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15	1 or 2kVDC	EN  	SIP4	Very Low Power, High Efficiency (/E)
 ROL	0.5 W	5, 12	5, 12, 15	1 or 2kVDC	EN 	SIP4	Low Power
 RAM	1 W	5, 12, 24	5	3 or 4kVDC	EN 	SMD	Open Frame, 100°C Operating Temp.
NEW  R1S/R1D	1 W	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24 ±3.3, ±5, ±9, ±12, ±15, ±24	1 or 3kVDC	EN  	SMD	100 °C Operating Temp., High Efficiency (/E)
 R1DA	1 W	3.3, 5, 9, 12, 15, 24	3/3, 5/5, 9/9, 12/12, 15/15	1kVDC	EN  	SMD	100 °C Operating Temp., Isolated Dual Outputs
 RO	1 W	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24	1 or 2kVDC	EN 	SIP4	Small Footprint, High Efficiency (/E)
 ROM	1 W	3.3, 5, 12	5, 12, 15	3kVDC	EN  	SIP4-Micro	Very Low Profile


















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Series	Power	Vin	Vout	Isolation	Certification	Case	Other Features
 RNM	1 W	3.3, 5, 12, 15	3.3, 5, 9, 12, 15	1 or 2kVDC	EN 	DIP6	Micro Size
 RB	1 W	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24 ±3.3, ±5, ±9, ±12, ±15, ±24	1 or 2kVDC	EN 	SIP7	Industry Standard, High Efficiency (/E)
 RE	1 W	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24	1 or 2kVDC	EN 	SIP7	Industry Standard
 RBM	1 W	5, 12	5, 12, 15 ±5, ±12, ±15	3kVDC	EN 	SIP6-Micro	Very Low Profile
 RK RH	1 W	5, 12, 15, 24	5, 9, 12, 15 ±5, ±9, ±12, ±15	3 or 4kVDC	EN 	SIP7	High Isolation
 RP	1 W	5, 9, 12, 15, 24	3.3, 5, 9, 12, 15, 24 ±3.3, ±5, ±9, ±12, ±15, ±24	5.2kVDC	EN 	SIP7	Very High Isolation
 RxxPxx (/R)	1 W	5, 9, 12, 15, 24	3.3, 5, 9, 12, 15 ±3.3, ±5, ±9, ±12, ±15	6.4 or 8kVDC	EN  	SIP7	Reinforced Isolation (/R6.4 & /R8) with a Triple Insulated Transformer
 RU/RUM	1 W	3.3, 5	5/5	1 or 2kVDC	EN	SIP7/SIP6-Micro	Independent Outputs
 RN	1.25 W	3.3, 5, 9, 12, 15, 24	3.3, 5, 7, 9, 12, 15, 24	1 or 2kVDC	EN	DIP8	Low Profile

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NEW

Series	Power	Vin	Vout	Isolation	Certification	Case	Other Features
 RTM	2 W	5, 12, 24	5	2 or 3kVDC	EN 	SMD	Open Frame, 90°C Operating Temp.
 R2S/R2D	2 W	5, 12, 15, 24	3.3, 5, 9, 12, 15, 24 ±5, ±9, ±12, ±15, ±24	1 or 3kVDC	EN  	SMD	100°C Operating Temp.
 RI	2 W	5, 12, 15, 24	5, 12, 15	1kVDC	EN	SIP4	Small Footprint
 RD	2 W	5, 12, 24	±5, ±12, ±15, ±24	1 or 2kVDC	EN	SIP7	Industry Standard
 RKZ	2 W	5, 12	5, 12, 15 ±5, ±12, ±15	3 or 4kVDC	EN 	SIP7	High Isolation
 RxxP2xx (/R)	2 W	5, 12, 15, 24	3.3, 5, 9, 12, 15 ±3.3, ±5, ±9, ±12, ±15	6.4 or 8kVDC	EN   CSA	SIP7	Reinforced Isolation (/R6.4 & /R8) with a Triple Insulated Transformer
 RUZ	2 W	5	5/5	1 or 2kVDC	EN	SIP7	Independent Outputs
 RJZ/RGZ	2 W	3.3, 5, 9, 12, 15, 24	3.3, 5, 9, 12, 15, 24 ±3.3, ±5, ±9, ±12, ±15, ±24	3 or 4kVDC	EN 	DIP14	High Isolation
 RV (/R)	2 W	3.3, 5, 9, 12, 15, 24	3.3, 5, 9, 12, 15, 24 ±3.3, ±5, ±9, ±12, ±15, ±24	6, 6.4 or 8kVDC	EN   CSA	DIP24-Micro	Reinforced Isolation (/R6.4 & /R8) with a Triple Insulated Transformer

ECONOLINE

REGULATED DC/DC CONVERTERS

























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Series	Power	Vin	Vout	Isolation	Certification	Case	Other Features
 R0.5Z	0.5 W	5, 12, 15, 24	5, 12, 15	1 or 2kVDC	EN  	SMD	Low Power SMD, Built-In Class A Filter, Short Circuit Protection (P)
NEW  RAZ	1 W	5, 12, 24	5	1 or 2kVDC	EN 	SMD	Open Frame, Full Power at 85°C, Regulated Output, Short Circuit Protection
 R1Z	1 W	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15	1 or 2kVDC	EN  	SMD	Built-In Class A Filter, Short Circuit Protection (P)
 RY	1 W	5, 9, 12, 15, 24	5, 9, 12, 15, 24 ±5, ±9, ±12, ±15, ±24	1kVDC	EN	SIP7	Control Pin (On/Off and Adjustable Output), Short Circuit Protection (P)
 RSO	1 W	4.5-9, 9-18, 18-36, 36-72, 4.5-18, 9-36, 18-72	3.3, 5, 9, 12, 15 ±3.3, ±5, ±9, ±12, ±15	1, 2 or 3kVDC	EN 	SIP8	Wide Input Range, Control Pin (On/Off), Short Circuit Protection
 RS	2 W	4.5-9, 9-18, 18-36, 36-72, 9-36, 18-72	3.3, 5, 9, 12, 15 ±3.3, ±5, ±9, ±12, ±15	1, 2 or 3kVDC	EN 	SIP8	Wide Input Range, Control Pin (On/Off), Short Circuit Protection
 RW2	2 W	4.5-9, 9-18, 18-36, 36-72	3.3, 5, 12, 15 ±5, ±9, ±12, ±15	1, 2 or 3kVDC	EN 	DIP16/SMD	Compact Size, Short Circuit Protection
 RS3	3 W	4.5-9, 9-18, 18-36, 36-72, 9-27, 20-60	3.3, 5, 9, 12, 15 ±3.3, ±5, ±9, ±12, ±15	1, 2 or 3kVDC	EN 	SIP8	High Power Density, Control Pin (On/Off), Short Circuit Protection
 RW-S RW-D	3 W	4.5-9, 9-18, 18-36, 36-72	3.3, 5, 9, 12, 15 ±3.3, ±5, ±9, ±12, ±15	1kVDC 3kVDC	EN 	DIP24/SMD DIP24	Low Profile, Short Circuit Protection

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REGULATED DC/DC CONVERTERS








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- Isolated Outputs
- Unregulated and Regulated Outputs
- Certified to EN60950-1
- 3rd Ed. Medical Approvals (EN60601-1)
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- Optional Continuous Short Circuit Protection for All Unregulated Parts
- RoHS and REACH Compliant

Series	Power	Vin	Vout	Isolation	Certification	Case	Other Features
 REC3	3 W	4.5-9, 9-18, 18-36, 36-72, 9-36, 18-72	3.3, 5, 9, 12, 15 ±5, ±12, ±15	1.6, 2, 4 or 6kVDC	EN  	DIP24/SMD	Industry Standard, Short Circuit Protection
 REC3.5	3.5 W	4.5-9, 9-18, 18-36, 36-75	5, 9, 12, 15, 24 ±5, ±9, ±12, ±15	8 or 10kVDC	EN  	DIP24	Reinforced Isolation (/R8 & /R10) with a Triple Insulated Transformer, Short Circuit Protection
 REC5	5 W	4.5-9, 9-18, 18-36, 36-72, 9-36, 18-72	3.3, 5, 9, 12, 15 ±5, ±9, ±12, ±15	1.6, 2, 4 or 6kVDC	EN  	DIP24/SMD	Industry Standard, Short Circuit Protection
 REC6	6 W	4.5-9, 9-18, 18-36, 36-75	5, 9, 12, 15, 24 ±5, ±9, ±12, ±15	8 or 10kVDC	EN  	DIP24	Reinforced Isolation (/R8 & /R10) with a Triple Insulated Transformer, Short Circuit Protection
 REC8	8 W	4.5-9, 9-18, 18-36, 36-75, 9-36, 18-75	3.3, 5, 12, 15 ±5, ±12, ±15	2 or 3kVDC	EN  	DIP24/SMD	Industry Standard, Short Circuit Protection
 REC10	10 W	9-18, 18-36, 36-75, 9-36, 18-75	3.3, 5, 12, 15 ±5, ±12, ±15	2 or 3kVDC	EN  	DIP24/SMD	Industry Standard, Short Circuit Protection
NEW  REC10/M	10 W	9-18, 18-36, 36-75, 9-36, 18-75	3.3, 5, 12, 15 ±5, ±12, ±15	2 or 3kVDC	EN  	50.8 x 25.4 x 10.2 mm (2" x 1" x 0.4")	Industry Standard, Short Circuit Protection
NEW  REC15/M	15 W	9-18, 18-36, 36-75, 9-36, 18-75	3.4, 5.1, 12, 15 ±5, ±12, ±15	2 or 3kVDC	EN  	50.8 x 25.4 x 10.2 mm (2" x 1" x 0.4")	Industry Standard, Short Circuit Protection

ECONOLINE FOR IGBT APPLICATIONS

UNREGULATED
DC/DC CONVERTERS










- Designed for IGBT Driver Circuits
- Asymmetric Output
- High Isolation
- Wide Operating Temperature Range
- High Efficiency
- Different Pin-Out and Package Styles
- Optional Continuous Short Circuit Protection
- Certified to EN60950-1
- 3 Year Warranty

	Series	Power	Vin	Vout	Isolation	Certification	Case	Other Features
NEW	 RP-xx1509D	1 W	5, 12, 24	+15/-9	5.2kVDC	EN	SIP7	Asymmetric Output Loads, For Isolated IGBT Drivers
NEW	 RH-xx1509D	1 W	5, 12, 24	+15/-9	3 or 4kVDC	EN	SIP7	Asymmetric Output Loads, For Isolated IGBT Drivers
NEW	 RxxP1509D	1 W	5, 12, 24	+15/-9	6.4kVDC	EN	SIP7	Asymmetric Output Loads, For Isolated IGBT Drivers
NEW	 RV-xx1509D	2 W	5, 12, 24	+15/-9	6kVDC	EN	DIP24	Asymmetric Output Loads, For Isolated IGBT Drivers
NEW	 RKZ-xx1509D	2 W	5, 12, 24	+15/-9	3 or 4kVDC	EN	SIP7	Asymmetric Output Loads, For Isolated IGBT Drivers
NEW	 RxxP21509D	2 W	5, 12, 24	+15/-9	6.4kVDC	EN	SIP7	Asymmetric Output Loads, For Isolated IGBT Drivers
NEW	 RGZ-xx1509D	2 W	5, 12, 24	+15/-9	3 or 4kVDC	EN	DIP14	Asymmetric Output Loads, For Isolated IGBT Drivers

INNOLINE

STEP DOWN SWITCHING REGULATORS

- Ultra High Specifications
- Wide Operating Temperature Range (-40°C to 85°C)
- MTBF up to 3.0 Million Hours
- Non-Isolated
- No Heatsink Required
- High Efficiency
- Internal SMD Construction
- Step Down Regulators With up to 96% Efficiency
- Built in EN-55022 FCC Class B Filter
- RoHS and REACH Compliant




Series	Output Current	Vin	Vout	Certification	Case	Other Features
 R-78xx-0.5	0.5 A	4.75-32	1.5, 1.8, 2.5, 3.3, 5.0, 6.5, 9.0, 12, 15	EN	SIP3	Very High Efficiency
 R-78xx-1.0	1.0 A	4.75-18	1.8, 2.5, 3.3, 5.0	EN	SIP3	Very High Efficiency
 R-78HBxx-0.5 (R-78HB24-0.3)	0.5 A (0.3 A)	9-72 (36-72)	3.3, 5.0, 6.5, 9.0, 12, 15 (24)	EN	SIP3	High Input Voltage, 90° Pins (L)
 R-78AAxx-0.5SMD	0.5 A	4.75-32	1.5, 1.8, 2.5, 3.3, 5.0, 6.5, 9.0, 12, 15	EN	SMD	High Efficiency, RoHS 6/6, Adjustable Output, On/Off Pin
 R-78AAxx-1.0SMD	1 A	4.75-18	1.5, 1.8, 2.5, 3.3, 5.0	EN	SMD	High Efficiency, RoHS 6/6, Adjustable Output, On/Off Pin
 R-78Bxx-1.0	1 A	4.75-32	1.5, 1.8, 2.5, 3.3, 5.0, 6.5, 9.0, 12, 15	EN	SIP3	Very High Efficiency, 90° Pins (L)
 R-78Cxx-1.0	1 A	5-42	1.8, 3.3, 5.0, 9.0, 12, 15	EN	SIP3	Very High Efficiency, Wide Input Range
 R-78Bxx-1.5	1.5 A	4.75-18	1.5, 1.8, 2.5, 3.3, 5.0, 6.5	EN	SIP3	Very High Efficiency, 90° Pins (L)
 R-78Txx-1.0	1 A	7-42	3.3, 5, 12		SMD	Very High Efficiency, Wide Input Range, Compatible with Standard Pinout

NEW

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STEP DOWN SWITCHING REGULATORS


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- Wide Operating Temperature Range (-40°C to 85°C)
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- Non-Isolated
- No Heatsink Required
- High Efficiency
- Internal SMD Construction
- Step Down Regulators With up to 96% Efficiency
- Built in EN-55022 FCC Class B Filter
- RoHS and REACH Compliant

Series	Output Current	Vin	Vout	Certification	Case	Other Features
 R-5xxxPA/DA	2, 3, 4, 5 A	4.5-18	1.2, 1.8, 2.5, 3.3, 5	EN	SIP12	Auto Sense, Very High Efficiency, Adjustable Output, 90° Pins (DA)
 R-6xxxP/D	1, 2 A	9-32	1.8, 2.5, 3.3, 5, 9, 12	EN	SIP12	Very High Efficiency, Adjustable Output, 90° Pins (D)
 R-7xxxP/D	2, 3, 4 A	4.5-28	3.3, 5, 6.5, 9, 12, 15	EN	SIP12	Very High Efficiency, Adjustable Output, 90° Pins (D)

INNOLINE

HIGH VOLTAGE OUTPUT











- High Output Voltage DIP 24 Converter
- Improved Version of Rxx-100_150 A Series with higher Efficiency and Reduced Ripple
- Input Voltage 5, 12, 15 or 24 VDC
- Adjustable Output Voltage up to 210 VDC
- Cascadeable for Output Voltages up to 420 VDC
- 3 kVDC Input/Output Isolation
- Remote Voltage Programming by External Voltage or Resistance
- Continuous Short Circuit Protection
- Wide Operating Temperature Range to 85°C

Series	Output Current	Vin	Vout	Isolation	Certification	Case	Other Features
 Rxx-B	25, 50 mA	5, 12, 15, 24	40-120, 55-135, 95-210	3kVDC	EN	DIP24	Output Voltages up to 420 VDC, 3 kVDC Isolated

ECONOLINE FOR COST-SENSITIVE APPLICATIONS

UNREGULATED DC/DC CONVERTERS



- Industry Standard Pinout
- Miniature SMD/SIP Packages
- 1kVDC or 3.75kVDC Isolation
- Efficiency up to 76%
- 100% Tested Converters
- Wide Operating Temperature Range (-40°C to 85°C)

Series	Power	Vin	Vout	Isolation	Certification	Case	Other Features
 R1SE	1 W	5	5	1kVDC		SMD	Low Cost, High Operating Temperature Range
 ROE	1 W	5	5	1kVDC		SIP4	Low Cost, High Operating Temperature Range
 REE	1 W	5	5	1kVDC		SIP7	Low Cost, High Operating Temperature Range
 RBE	1 W	5	5	1kVDC		SIP7	Low Cost, High Operating Temperature Range
 RKE/H	1 W	5	5	3.75kVDC		SIP7	Low Cost, Industry Standard, High Isolation

NEW

INNOLINE FOR COST-SENSITIVE APPLICATIONS

STEP DOWN SWITCHING REGULATORS

Series	Output Current	Vin	Vout	Case	Other Features
 R-78E	0.5 A	6-28	3.3, 5	SIP3	Low Cost
 ROF-78E	0.5 A	5-36 (9-36)	3.3, 5	SMD	Low Cost, Pinless Design, On/Off Pin

NEW



















POWERLINE

REGULATED CONVERTERS DC/DC CONVERTERS

- Six-Sided Shielding
- International Safety Standard Approvals
- Flexible Customization
- Regulated Outputs

- High Density Packages
- Short Circuit Protection With Autorecovery
- Single, Dual and Multiple Outputs
- Up to 60 Watts

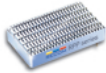



- Optional Heatsinks and Filter Chokes Available
- RoHS and REACH Compliant
- 4:1 Input Voltage Available (W)

Series	Power	Vin	Vout	Isolation	Certification	Case	Other Features
 RP08-A(W)	8 W	9-18, 18-36, 36-75, 9-40, 18-75, 43-160	3.3, 5, 12, 15 ±5, ±12, ±15	1.6kVDC		DIP24/SMD	Industry Standard, Extended Input Voltage Range (43-160 Vin)
 RP10-E(W)	10 W	9-18, 18-36, 36-75, 9-36, 18-75	5, 12, 15 ±5, ±12, ±15	1.6kVDC		50.8 x 25.4 x 10.2 mm (2" x 1" x 0.4")	Industry Standard
 RP15-OF(W)	15 W	9-36, 18-75, 18-36, 36-75	3.3, 5, 12, 15	2.25kVDC		SMD 27.9 x 23.9 x 8.5 mm (1.1" x 0.94" x 0.33")	Open Frame, Low Profile (Planar Transformer), CTRL Pin & Trim Pin
 RP15-A(W)	15 W	9-18, 18-36, 36-75, 9-36, 18-75	3.3, 5, 12, 15 ±5, ±12, ±15	1.6kVDC		25.4 x 25.4 x 9.9 mm (1" x 1" x 0.39")	Micro Size, CTRL Pin & Trim Pin
 RP20-A(W)	20 W	9-18, 18-36, 36-75, 9-36, 18-75	3.3, 5, 12, 15 ±12, ±15	1.6kVDC		25.4 x 25.4 x 9.9 mm (1" x 1" x 0.39")	Micro Size, CTRL Pin & Trim Pin
 RP30-F(W)	30 W	9-18, 18-36, 36-75, 9-36, 18-75	3.3, 5, 12, 15 ±5, ±12, ±15	1.6kVDC		50.8 x 25.4 x 10.2 mm (2" x 1" x 0.4")	CTRL Pin & Trim Pin
 RP40-G(W)	40 W	9-18, 18-36, 36-75, 9-36, 18-75	3.3, 5, 12, 15 ±12, ±15 5/±12, 5/±15	1.6kVDC		50.8 x 50.8 x 10.2 mm 51.3 x 51.3 x 10.2 mm (2" x 2" x 0.4")	Auto Sense, CTRL Pin & Trim Pin
 RP60-G	60 W	18-36, 36-75	3.3, 5, 12, 15	1.6kVDC		50.8 x 50.8 x 10.2 mm (2" x 2" x 0.4")	Auto Sense, CTRL Pin & Trim Pin
 Power Modules RPM(D)	15-60 W	9.5-36, 18-36, 36-75, 10-40, 18-75	3.3, 5, 12, 15 ±5, ±12, ±15 5/±12, 5/±15	1.6kVDC		101.6 x 57.2 x 19.0 mm (4" x 2.3" x 0.7") 125 x 57.6 x 24.5 mm (4.9" x 2.3" x 1")	Class B, Soft Start, Reverse Polarity Protected, (RPM(D) DIN-Rail Version, (RPM) Bulkhead Version

POWERLINE PLUS

HIGH TEMPERATURE DC/DC CONVERTERS

- Wide Operating Temperature Range (-45°C to 100°C)
- Built-in EN55022/FCC Class B EMC Filter (RPP)
- Up to 3 kVDC Isolation
- Compact Size, Standard Pinouts
- Efficiency Above 92%
- Single & Dual Outputs
- 4:1 Input Voltage Available (W)
- Ranges 20W, 30W, 40W or 50W DC/DC Power Package
- Baseplate Case Available With Mounting Holes (-B)
- Complies with EN50155 (RPR)

Series	Power	Vin	Vout	Isolation	Certification	Case	Other Features
 RPPxx (W)	20, 30, 40, 50 W	9-18, 18-36, 36-75, 9-36, 18-75	3.3, 5, 12, 15, 24 ±12, ±15, ±24	2 or 3kVDC	CE 	41.0 x 26.0 x 11.7 mm (20W) (1.6" x 1" x 0.5") 50.8 x 30.5 x 11.7 mm (30W, 40W) (2" x 1.2" x 0.5") 51.4 x 31.1 x 11.7 mm (50W) (2" x 1.2" x 0.5")	High Temperature Without Derating, Customisation available: -55°C
 RPRxx-B	20, 30, 40, 50 W	12-36, 25-75, 40-160	3.3, 5, 12, 15, 24 ±12, ±15, ±24	2kVDC	CE 	50.8 x 40.6 x 11.4 mm (2" x 1.6" x 0.4")	Baseplate Case With Mounting Holes, EN50155 & NFF01-510 (Railway Std) Certified





POWERLINE

- Universal AC/DC Input Voltage
- International Safety Standard Approvals
- Regulated Outputs
- Low Output Ripple & Noise
- High Density Packages

- Short Circuit Protection With Autorecovery
- Single, Dual and Multiple Outputs
- Up to 60 Watt
- RoHS Compliant
- EuP Guideline

- 277V Versions (/277)
- Extended Temperature Range -40°C (-E)
- Optional Flying Wires (/W)
- Class B Filter Built-In

AC/DC CONVERTERS

Series	Power	Vin	Vout	Isolation	Certification	Case	Other Features
 DIN-RAIL	1-10 W	n/a	n/a	n/a	n/a	87.8 x 41.5 x 28.6 mm (3.5" x 1.6" x 0.3")	Screw Terminal Mounting, Bracket With DIN RAIL, Fits All RECOM AC/DC Modules up to 10 W
 RAC01-C	1 W	80-277	3.3, 5, 9, 12, 15, 24	3kVAC		33.7 x 22.2 x 17.75 mm (1.3" x 0.9" x 0.7")	Ultra Compact Size, Op. Temp up to 85°C, Low No Load Consumption (30mW), Built-In Class B Filter
 RAC02-C	2 W	80-277	3.3, 5, 9, 12, 15, 24	3kVAC		33.7 x 22.2 x 17.75 mm (1.3" x 0.9" x 0.7")	Ultra Compact Size, Op. Temp up to 80°C, Low No Load Consumption (30mW), Built-In Class B Filter
NEW  RAC02-C/277	2 W	80-305	3.3, 5, 12, 24	3kVAC		33.7 x 22.2 x 17.75 mm (1.3" x 0.9" x 0.7")	Ultra Compact Size, Op. Temp up to 85°C, Low No Load Consumption (35mW), Extended Input Voltage (/277)
 RAC03-C	3 W	80-264	3.3, 3.8, 5, 9, 12, 15, 24	3kVAC		37.8 x 23.9 x 16.4 mm (1.5" x 0.9" x 0.6")	Op. Temp up to 85°C, Low No Load Consumption (80mW), Built-In Class B Filter
NEW  RAC03-C/277	3 W	80-305	3.3, 5, 12, 24	3kVAC		38.25 x 24.35 x 17.4 mm (1.5" x 1" x 0.7")	Op. Temp up to 85°C, Low No Load Consumption (30mW), Extended Input Voltage (/277), Flying Wires Optional (/W)
 RAC03-SCR/277	3 W	80-305	3.3, 5, 12, 24	3kVAC		50.3 (Dia.) x 11.1 mm (2" x 0.4")	Op. Temp up to 85°C, Low No Load Consumption (40mW), Extended Input Voltage (/277)
NEW  RAC04-C	4 W	80-264	3.3, 5, 9, 12, 15, 24	3kVAC		37.8 x 23.9 x 16.4 mm (1.5" x 0.9" x 0.6")	Compact Size, Low Output Ripple & Noise, Flying Wires Optional (/W)








POWERLINE

- Universal AC/DC Input Voltage
- International Safety Standard Approvals
- Regulated Outputs
- Low Output Ripple & Noise
- High Density Packages

- Short Circuit Protection with Autorecovery
- Single, Dual and Multiple Outputs
- Up to 60 Watt
- PCB or DIN-Rail/Screw Terminal Mount (-ST)
- RoHS Compliant

- EuP Guideline
- 277V Version (/277)
- Extended Temperature Range -40°C (-E)
- Optional Flying Wires (/W)

AC/DC CONVERTERS

Series	Power	Vin	Vout	Isolation	Certification	Case	Other Features
NEW  RAC04-C/277	4 W	80-305	3.3, 5, 12, 15, 24 5/12 ±5, ±12	3.75kVAC	CE EN 94	36.7 x 27.2 x 17.1 mm (1.4" x 1.1" x 0.7")	Ultra Compact Size, Low No Load Consumption (50mW), Extended Input Voltage (/277), Single/Dual Outputs
NEW  RAC05-C	5 W	80-264	3.3, 5, 9, 12, 15, 24 ±5, ±12, ±15	3kVAC	CE EN 94	50.9 x 25.5 x 16.4 mm (S) (2" x 1" x 0.6") 53.5 x 27.8 x 16.4 mm (D) (2.1" x 1.1" x 0.65")	Compact Size, Single / Dual Outputs, Flying Wires Optional (/W)
 RAC06-C	6 W	80-264	3.3, 5, 9, 12, 15, 24 ±5, ±12, ±15	3kVAC	CE EN 94	50.9 x 25.5 x 16.4 mm (S) (2" x 1" x 0.6") 53.5 x 27.8 x 16.4 mm (D) (2.1" x 1.1" x 0.65")	Compact Size, Single / Dual Outputs, Flying Wires Optional (/W)
NEW  RAC10-C/277	10 W	80-305	3.3, 5, 12, 15, 24 ±5, ±12, ±15	3.75kVAC	CE EN 94	52.5 x 27.4 x 23.5 mm (2.1" x 1.1" x 0.9")	Compact Size, Industry Standard, Extended Input Voltage (/277), Single/Dual Outputs
 RAC20-B	20 W	90-264	3.3, 5, 12, 15, 24	3kVAC	CE 94	52.4 x 27.2 x 23.5 mm (2.1" x 1.1" x 0.9")	Compact Size, High Power Density
 RAC30-A	30 W	90-264	3.3, 5, 12, 15, 24 ±5, ±12, ±15, 5/12 5/±12, 5/±15	3kVAC	CE 94	89 x 63.5 x 25 mm (3.5" x 2.5" x 1")	Industry Standard, Single / Dual / Triple Outputs
 RAC60-B	60 W	85-265	5, 9, 12, 15, 24, 48	4kVAC	CE 94	109.0 x 58.5 x 30.0 mm (4.3" x 2.3" x 1.2")	Industry Standard

LIGHTLINE


AC INPUT LED DRIVERS

Constant Current and Constant Voltage AC LED Drivers

- Universal Input Voltage
- 5 Year Warranty

- Power Factor Corrected
- Constant Current Outputs: 350 mA, 500 mA, 700 mA, 1050 mA, 1400 mA, 2100 mA, 2400 mA, 4200 mA and 6300 mA
- High Efficiency

- Ultra Compact Packages
- RoHS and REACH Compliant
- UL 8750 Listed Comply EN61000-3-2 Class C
- Analog & TRIAC Dimming

Series	Output Current	Vin	Vout	Isolation	Certification	Case	Other Features
 RACD03	350, 500, 700 mA	90-264 VAC	2.5-15, 2.5-11, 2.5-6	3kVAC	CE EN 9UL 	38.1 x 29.6 x 23.1 mm (1.5" x 1.2" x 0.9")	IP66, Ultra Compact Size, 3 Year Warranty, Constant Current & Constant Voltage
 RACD06	350, 500, 700 mA	90-264 VAC	2.5-24, 2.5-14, 2.5-12	3kVAC	CE EN 9UL 	58 x 35 x 21 mm (2.3" x 1.4" x 0.8")	Ultra Compact Size, 3 Year Warranty, Constant Current & Constant Voltage
NEW  RACD07	250, 350, 500, 700 mA	90-295 VAC	14-28, 10-20, 5-14.5, 3-10.5	3.75kVAC	CE EN 9UL	49 x 40.8 x 24 mm (1.9" x 1.6" x 0.9")	IP67, Ultra Compact Size, 3 Year Warranty, Constant Current
 RACD12	350, 500, 700 mA	90-264 VAC	3-36, 3-24, 3-17	3kVAC	CE EN 9UL 	123 x 45 x 18 mm (4.8" x 1.8" x 0.7")	5 Year Warranty, Low Profile, Easy Connections
 RACD20	350, 500, 700, 1050 mA	90-264 VAC	6-56, 6-40, 6-29, 5-17	3kVAC	CE EN 9UL 	145 x 50 x 22 mm (5.7" x 2" x 0.9")	5 Year Warranty, Low Profile, Easy Connections
 RACD20-D(US)	2x350 or 1x700 mA 2x500 or 1x1050 mA	200-264 VAC 90-130 VAC	(2x) 3-34, (2x) 3-20	3kVAC	CE	155 x 50 x 21 mm (6.1" x 2" x 0.8")	5 Year Warranty, Low Profile, 1-10V Analogue Dimming or Rheostat Dimmable
 RACD20/277	350, 500, 700, 1050 mA	90-305 VAC	28-57, 20-40, 14-29, 10.8-19	3.75kVAC	CE EN 9UL 	80 x 74 x 26.5 mm (3.1" x 2.9" x 1")	IP66, 5 Year Warranty, Low Profile, Extended Input Voltage (/277)
 RACT20(US)	350, 500, 700, 1050 mA	180-264 VAC 90-135 VAC	30-56, 21-39, 15-28, 12-18	3.75kVAC	CE EN 9UL 	137.5 x 50.2 x 23 mm (5.4" x 2" x 0.9")	5 Year Warranty, TRIAC Dimming Flickerfree to 0%, Easy Connections
NEW  RACD25	500, 700, 1050, 1400 mA	90-295 VAC	42-52, 21-36, 16-24, 12-18	3.75kVAC	CE EN 9UL	190 x 30.5 x 25 mm (7.5" x 1.2" x 1")	5 Year Warranty, Ultra Slim Size, IP67
 RACD30	500, 700 mA	90-264 VAC	10-56, 10-43	3kVAC	CE EN 9UL	160 x 50 x 22 mm (6.3" x 2" x 0.9")	5 Year Warranty, Low Profile, Easy Connections

LIGHTLINE



AC INPUT LED DRIVERS

Constant Current and Constant Voltage AC LED Drivers

- Universal Input Voltage
- 5 Year Warranty

- Power Factor Corrected
- Constant Current Outputs: 350 mA, 500 mA, 700 mA, 1050 mA, 1400 mA, 2100 mA, 2400 mA, 4200 mA and 6300 mA
- High Efficiency

- Ultra Compact Packages
- RoHS and REACH Compliant
- UL 8750 Listed Comply EN61000-3-2 Class C
- Analog & TRIAC Dimming

Series	Output Current	Vin	Vout	Isolation	Certification	Case	Other Features
 RACV30	0-1250, 0-2500 mA	90-264 VAC	24, 12	3kVAC	CE EN 9UL 15	160 x 50 x 22 mm (6.3" x 2" x 0.9")	5 Year Warranty, Constant Voltage, Low Profile
NEW  RACD45-A	700, 1050, 1250, 1850 mA	90-305 VAC	40-57, 36-48, 24-36, 15-24	3.75kVAC	CE EN 9UL*	174 x 45 x 32.5 mm (6.9" x 1.8" x 1.3")	5 Year Warranty, IP67 Rated, Built-In 3 in 1 Dimming, Flying Leads
NEW  RACD60-A	1050, 1200, 1650, 2500, 4200 mA	90-305 VAC	40-57, 36-48, 24-36, 15-24, 9-12	3.75kVAC	CE EN 9UL*	174 x 45 x 32.5 mm (6.9" x 1.8" x 1.3")	5 Year Warranty, IP67 Rated, Built-In 3 in 1 Dimming, Flying Leads
 RACD60/OF	700-1100, 1400-2140, 2150-2500, 3570-4200 mA	90-264 VAC	38-54, 21-28, 17-24, 11-13.5	3.75kVAC	CE EN 9UL	101.6 x 50.8 x 28 mm (4" x 2" x 1")	5 Year Warranty, Ultra Compact Size, Thermal Feedback (/TOF), Adjustable Output Current
 RACD60/IP67	700, 1050, 1400, 2100, 2400, 4200 mA	90-264 VAC	38-54, 21-28, 17-24, 11-13.5	3.75kVAC	CE EN 9UL	125 x 60 x 35 mm (4" x 2" x 1")	5 Year Warranty, IP67 Rated, Ultra Compact Size
 RACD100	2100, 2800, 4200, 8300 mA	90-305 VAC	34-48, 26-36, 14-24, 9-12	3.75kVAC	CE EN 9UL 15	222 x 68 x 39 mm (8.7" x 2.7" x 1.5")	5 Year Warranty, IP67 Rated, Metal Case, High Efficiency, Constant Current & Constant Voltage, NXP Green Chip Certified
NEW  RACD100-A	700, 1400 mA	90-305 VAC	100-142, 50-71	3.75kVAC	CE EN 9UL*	198 x 57 x 37 mm (7.8" x 2.2" x 1.5")	5 Year Warranty, IP67 Rated, Metal Case, High Efficiency, High Output Voltage, NXP Green Chip Certified
 RACD150	3200, 4200, 6300, 11000 mA	90-305 VAC	34-48, 26-36, 14-24, 9-12	3.75kVAC	CE EN 9UL 15	222 x 68 x 39 mm (8.7" x 2.7" x 1.5")	5 Year Warranty, IP67 Rated, Metal Case, High Efficiency, Constant Current & Constant Voltage, NXP Green Chip Certified
NEW  RACD150-A	700, 1050, 1400 mA	90-305 VAC	60-210, 60-142, 60-107	3.75kVAC	CE EN 9UL*	226 x 68 x 39 mm (8.9" x 2.7" x 1.5")	5 Year Warranty, IP67 Rated, Metal Case, High Efficiency, High Output Voltage, NXP Green Chip Certified

LIGHTLINE









DC INPUT LED DRIVER

Constant Current DC LED Driver

- All-In-One
- Ready to Use (No External Components Necessary for Basic Use)
- High Efficiency (up to 96%)

- PWM/Digital and Analog Dimming
- Wide Input Voltage Range
- 5 Year Warranty
- Wide Operating Temperature Range (-40°C to 85°C)




- Low Emissions (EMC Filter built-in)
- Short Circuit Protected
- Custom Designs Available

Series	Output Current	Vin	Vout	Isolation	Certification	Case	Other Features
 RCD-24-x.xx (W)	0.3-1.2 A	4.5-36 VDC	2-35	none	EN 	DIP/DIP Wired	Constant Current, PWM & Analog Dimming, Wired IP67 (W), Vref Out (/Vref), Railways EMC EN50121-3-2 Certified
 RCD-24-x.xx/PL	0.3-1.0 A	4.5-36 VDC	2-35	none	EN 	SMD	Constant Current, SMD Pinless Version, Low profile, Built in Class A/B Filter, PWM & Analog Dimming, Railways EMC EN50121-3-2 Certified
 RCD-48-x.xx (W)	0.35-1.2 A	9-60 VDC	2-56	none	EN 	DIP/DIP Wired	Constant Current, PWM & Analog Dimming, Vref Out (/Vref), Wired IP67 (W), Metalcase (M), Railways EMC EN50121-3-2 Certified
 RBD-12-x.xx (W)	0.35-0.5 A	8-36 VDC	2-40	none	EN 	DIP/DIP Wired	Buck Boost Topology, Constant Current, PWM & Analog Dimming, Vref Out (/vref), Through Hole & Wired Versions, Wired IP67 (W)

LIGHTLINE

AC DIMMERS

- Leading-Edge Phasecut Dimmer
- 1-10V (max. 40mA)
- Noise Suppression according VDE 0875
- Wide Operating Temperature Range (-10°C to 80°C)
- Thermal Protection (Switch and Fuse)
- Designed for Switch Boxes DIN 49073
- Adaptor for 6mm Shaft for Universal Fit
- High Quality Mechanics for Accurate Control

Series	Operating Principle	Power	Vin	Other Features
NEW  REDIM07	Leading-Edge Phasecut Dimmer	7-110 VA (W)	230VAC	Designed For LED Applications, up to 5 x RACT20
NEW  REDIM20	Leading-Edge Phasecut Dimmer	20-250 VA (W)	230VAC	For All Kinds of Lamps, up to 12 x RACT20
NEW  REPOT01-10	1-10V Electronic Potentiometer	40 mA max	230VAC	Usable With All 1-10V Standard Interfaces, up to 10 x LED Driver

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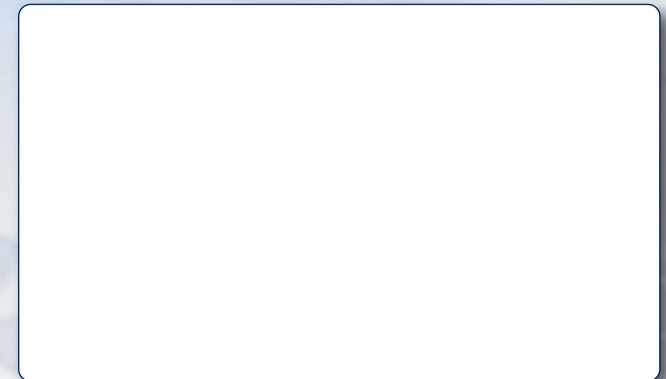
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