

We Power Your Products

Product Selection Guide

06/2014



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 (60601-1)

- 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.
 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

NEW

















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 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  CSA	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 & R/8) 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




















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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
 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, 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

ECONOLINE

REGULATED DC/DC CONVERTERS








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- 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 (60601-1)
- 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
 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  CSA	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  CSA	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
 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
 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

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	UL pending	SMD	Low Cost, High Operating Temperature Range
 ROE	1 W	5	5	1kVDC	UL pending	SIP4	Low Cost, High Operating Temperature Range
 REE	1 W	5	5	1kVDC	UL pending	SIP7	Low Cost, High Operating Temperature Range
 RBE	1 W	5	5	1kVDC	UL pending	SIP7	Low Cost, High Operating Temperature Range
 RKE/H	1 W	5	5	3.75kVDC	UL pending	SIP7	Low Cost, Industry Standard, High Isolation

NEW

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
- RoHS and REACH Compliant
- Built in EN-55022
- FCC Class B Filter




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-78Axx-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-78Axx-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, 1Amps Continuously in Small Package
 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		23 x 27.2 x 10 mm (/AC or /AL) 23 x 29.4 x 8 mm (/FC)	Pin Compatible with EAC, EAL, EFC, 1.5A Peak Current, -40°C to +85°C (no Derating)

NEW

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
- RoHS and REACH Compliant
- Built in EN-55022
- FCC Class B Filter

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 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

- 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
- Complies with EN50155 (RPR)

Series	Power	Vin	Vout	Isolation	Certification	Case	Other Features
 RPPxx	20, 30, 50 W	18-36	5, 12, ±12, ±24	2 or 3kVDC	CE 	41.0 x 26.0 x 11.7 mm (1.6" x 1" x 0.5") 50.8 x 30.5 x 11.7 mm (2" x 1.2" x 0.5")	High Temperature Without Derating
 RPPxx-W	20, 30, 40 W	9-36	5, 12, ±12	2 or 3kVDC	CE 	41.0 x 26.0 x 11.7 mm (1.6" x 1" x 0.5") 50.8 x 30.5 x 11.7 mm (2" x 1.2" x 0.5")	4:1 Input Voltage Range
 RPRxx-B	30, 50 W	40-160	5, 12, 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

AC/DC CONVERTERS

- 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

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, 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, Built-In Class B Filter
 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, 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,
 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, 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, Extended Input Voltage (/277)
 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

AC/DC CONVERTERS

- 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)

NEW



RAC04-C/230

4 W

80-264

3.3, 5, 12, 15, 24,
5/12
±5, ±12

3.75kVAC

CE EN 91

36.7 x 27.2 x 17.1 mm
(1.4" x 1.1" x 0.7")

Ultra Compact Size,
Low No Load Consumption,
Extended -40°C Temperature Range,
Single/Dual Outputs

NEW



RAC04-C/277

4 W

80-305

3.3, 5, 12, 15, 24,
5/12
±5, ±12

3.75kVAC

CE EN 91

36.7 x 27.2 x 17.1 mm
(1.4" x 1.1" x 0.7")

Ultra Compact Size,
Low No Load Consumption,
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 91

50.9 x 25.5 x 16.4 mm (S)
(2" x 1" x 0.6")
53.5 x 27.8 x 16.4mm (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 91

50.9 x 25.5 x 16.4 mm (S)
(2" x 1" x 0.6")
53.5 x 27.8 x 16.4mm (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 91

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 91

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 91

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 91

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 Efficiencies

- 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		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		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		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		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		145 x 50 x 22 mm (5.7" x 2" x 0.9")	5 Year Warranty, Low Profile, Easy Connections
 RACD20-D	2x350 or 1x700mA 2x500 or 1x1050mA	200-264VAC 90-130VAC	(2x) 3-34, (2x) 3-20	3kVAC		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		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	350, 500, 700, 1050 mA	180-264 VAC 90-135VAC	30-56, 21-39, 15-28, 12-18	3.75kVAC		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		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		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 Efficiencies

- 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		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, 33-48, 24-36, 15-24	3.75kVAC		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, 33-48, 24-36, 15-24, 9-12	3.75kVAC		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		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		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		222 x 68 x 39 mm (8.7" x 2.7" x 1.5")	5 Year Warranty, IP67 Rated, Metal Case, Constant Current & Constant Voltage, High Efficiency, NXP Green Chip Certified
NEW  RACD100-A	700, 1400 mA	90-305 VAC	100-142, 50-71	3.75kVAC		198 x 57 x 37 mm (7.8" x 2.2" x 1.5")	5 Year Warranty, IP67 Rated, Metal Case, High Output Voltage, High Efficiency, NXP Green Chip Certified
 RACD150	3200, 4200, 6300 11000 mA	90-305 VAC	34-48, 26-36, 14-24, 9-12	3.75kVAC		222 x 68 x 39 mm (8.7" x 2.7" x 1.5")	5 Year Warranty, IP67 Rated, Metal Case, Constant Current & Constant Voltage, High Efficiency, NXP Green Chip Certified
NEW  RACD150-A	700, 1050, 1400 mA	90-305 VAC	60-210, 60-142, 60-107	3.75kVAC		226 x 68 x 39 mm (8.9" x 2.7" x 1.5")	5 Year Warranty, IP67 Rated, Metal Case, High Output Voltage, High Efficiency, 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, 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 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

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

40mA max

230VAC

Usable with all 1-10V
Standard Interfaces,
up to 10 x LED Driver

LIGHTLINE

DALI

- Compatible with all RECOM Dimmable Drivers
- Can Control six or more LED Drivers
- AC Powered
- DALI Signal Line Independent of Polarity
- Screw-Less Connectors, Easy to Install
- Selectable Output for PWM / DC 0-10V / DC 1-10
- Compliance with DALI Standard (IEC62386 Part 102 & Part 206)
- Built-In Relay to turn Driver ON/OFF completely

NEW



RELI-DA01/R

DALI to Analog Control Signal Interface

90-265VAC

DALI IEC62386,
PWM and 0-10V or 1-10V Output,
Compatible with all RECOM Dimmable
Drivers

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