

RECOM POWER LED Drivers and AC/DC Converters



RoHS Compliant This product is RoHS compliant.

LIGHTLINE LED DRIVERS

Low Power AC Input LED Drivers * Dimmable

PRODUCT NEW

MOUSER STOCK NO.		Fig.	Input Range	Output Voltage	Output Current	Power	IP Ratings	Max. No. LEDs	Price Each			
Mfr.	Mfr. Part No.								1	5	10	
46x30x23mm												
919	—RACD03-350	A	90-264VAC	3-12VDC	350mA	3W	IP66	3x1W	9.95	8.99	8.20	
919	—RACD03-700	A	90-264VAC	3-4.5VDC	700mA	3W	IP66	1x2W	9.95	8.99	8.20	
64x35x20mm												
919	—RACD06-350	B	90-264VAC	3-22VDC	350mA	6W	IP20	6x1W	12.88	11.64	10.62	
919	—RACD06-700	B	90-264VAC	3-8.4VDC	700mA	6W	IP20	2x2W	12.88	11.64	10.62	
123x45x18mm												
919	—RACD12-350	C	90-264VAC	3-36VDC	350mA	12W	IP20	10x1W	20.09	18.33	16.85	
919	—RACD12-700	C	90-264VAC	3-15VDC	700mA	12W	IP20	4x2W,8x1W	20.09	18.33	16.85	
145x50x22mm												
919	—RACD20-350	C	90-264VAC	6-56VDC	350mA	20W	IP20	15x1W	26.36	24.05	22.11	
919	—RACD20-700	C	90-264VAC	6-29VDC	700mA	20W	IP20	8x2W,8+8x1W	26.36	24.05	22.11	
919	—RACD20-1050	C	90-264VAC	5-17VDC	1050mA	20W	IP20	6x3W,5+5x2W	26.36	24.05	22.11	
919	—RACD20-350D	C	200-264VAC	2x(3-34)VDC	2x(35-350)mA	20W	IP20	2x(10x1W)	48.34	44.10	40.54	
*	919	—RACD20-350D-US	C	90-130VAC	2x(3-34)VDC	2x(35-350)mA	20W	IP20	2x(10x1W)	48.34	44.10	40.54
Triac Dimming (137.5x50.2x23mm)												
919	—RACT20-350-US	C	115V	350mA	30-56VDC	20W	IP20	15x1W	37.73	31.51	28.10	
919	—RACT20-700-US	C	115V	700mA	15-28VDC	20W	IP20	8x2W,8+8x1W	39.59	33.06	29.48	
919	—RACT20-350	C	230V	350mA	30-56VDC	20W	IP20	15x1W	39.59	33.06	29.48	
919	—RACT20-700	C	230V	700mA	15-28VDC	20W	IP20	8x2W,8+8x1W	41.49	34.65	30.90	
160x50x22.5mm												
919	—RACD30-500	D	90-264VAC	10-56VDC	500mA	30W	IP20	15x2W	29.19	26.63	24.48	
919	—RACD30-700	D	90-264VAC	10-43VDC	700mA	30W	IP20	12x3W,12+12x1W	29.19	26.63	24.48	

PFC Single CV Output LED AC/DC Converters

* Constant voltage output * Power factor corrected

PRODUCT NEW

MOUSER STOCK NO.		Fig.	Input Range	Output Voltage	Output Current	Power	Efficiency (%)	Price Each		
Mfr.	Mfr. Part No.							1	5	10
919	—RACV30-12	E	100-240VAC	12VDC	0-2500mA	30W	83	36.37	33.35	30.78
919	—RACV30-24	E	100-240VAC	24VDC	0-1250mA	30W	84	36.37	33.35	30.78

High Power AC Input LED Drivers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Input Range	Output Voltage	Output Current	Preset Current Limit	Max. Power	Efficiency (%)	Price Each		
Mfr.	Mfr. Part No.								1	5	10
919	—RACD60-700/OF	F	90-264VAC	38-54VDC	700mA	700mA	46W	89	45.09	41.13	37.81
919	—RACD60-2100/OF	F	90-264VAC	21-28VDC	1400-2140mA	2100mA	60W	89	45.09	41.13	37.81
919	—RACD60-4200/OF	F	90-264VAC	11-13.5VDC	3570-4200mA	4200mA	60W	85	45.09	41.13	37.81

Constant Current Buck-Boost LED Driver

* Digital + analogue dimming control

PRODUCT NEW

MOUSER STOCK NO.		Fig.	Input Range	Output Current	Output Voltage (Vmin-Vmax)	Power	Price Each		
Mfr.	Mfr. Part No.						1	5	10
919	—RBD-12-0.35	G	8-36V	350mA	8-40VDC	3-20W	38.52	34.86	31.78
919	—RBD-12-0.35/W	G	8-36V	350mA	8-40VDC	3-20W	40.04	36.24	33.03
919	—RBD-12-0.50	G	8-36V	500mA	8-40VDC	3-20W	40.26	36.44	33.21
919	—RBD-12-0.50/W	G	8-36V	500mA	8-40VDC	3-20W	41.76	37.79	34.45

High Power DC/DC LED Drivers

* Digital + analogue dimming control * M = Metal case

PRODUCT NEW

MOUSER STOCK NO.		Fig.	Input Range	Output Current	Output Voltage	Power	Price Each			
Mfr.	Mfr. Part No.						1	5	10	
919	—RCD-24-0.30	H	4.5-36VDC	300mA	2-35VDC	1-43W	15.28	13.81	12.60	
919	—RCD-24-0.35	H	4.5-36VDC	350mA	2-35VDC	1-43W	15.28	13.81	12.60	
919	—RCD-24-0.35/W	H	4.5-36VDC	350mA	2-35VDC	1-43W	16.49	14.90	13.60	
919	—RCD-24-0.35/WX1	H	4.5-36VDC	350mA	2-35VDC	1-43W	15.63	14.95	14.27	
919	—RCD-24-0.50	H	4.5-36VDC	500mA	2-35VDC	1-43W	16.80	15.19	13.86	
919	—RCD-24-0.70	H	4.5-36VDC	700mA	2-35VDC	1-43W	18.53	16.74	15.28	
919	—RCD-24-0.70/W	H	4.5-36VDC	700mA	2-35VDC	1-43W	19.74	17.84	16.27	
919	—RCD-24-0.70/WX1	H	4.5-36VDC	700mA	2-35VDC	1-43W	18.56	17.83	17.09	
919	—RCD-24-1.00	H	6-36VDC	1000mA	3-33VDC	1-43W	22.47	20.31	18.53	
919	—RCD-24-1.00/WX1	H	6-36VDC	1000mA	3-33VDC	1-43W	22.13	21.32	20.50	
919	—RCD-24-1.20	H	6-36VDC	1200mA	3-33VDC	1-43W	23.81	21.52	19.64	
919	—RCD-24-1.20/WX1	H	6-36VDC	1200mA	3-33VDC	1-43W	23.32	22.49	21.65	
919	—RCD-24-1.00/PLA	H	6-36V	1000mA	2-35VDC	-	16.82	15.22	13.88	
919	—RCD-48-0.35	H	9-60V	350mA	2-56VDC	70W	31.84	28.82	26.27	
919	—RCD-48-0.35/W	H	9-60V	350mA	2-56VDC	70W	33.22	30.06	27.41	
919	—RCD-48-0.50	H	9-60V	500mA	2-56VDC	70W	34.30	31.04	28.30	
919	—RCD-48-0.70	H	9-60V	700mA	2-56VDC	70W	35.36	32.00	29.17	
919	—RCD-48-0.70/W	H	9-60V	700mA	2-56VDC	70W	36.74	33.25	30.31	
*	919	—RCD-48-1.20/M	H	9-60V	1200mA	2-56VDC	70W	42.78	38.72	35.29

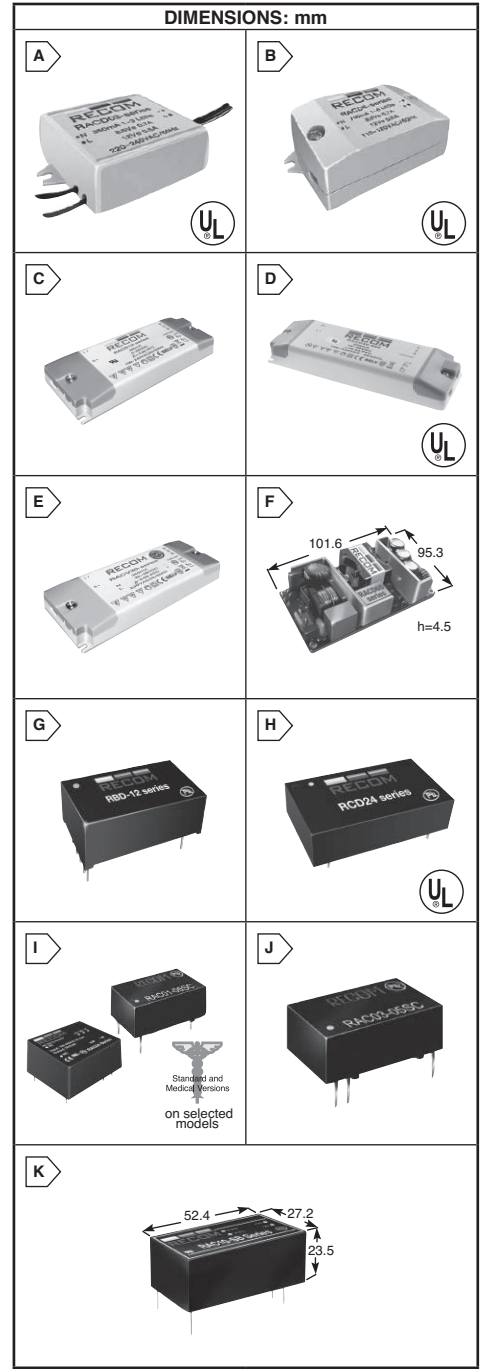
Powerline AC/DC Converters

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MOUSER STOCK NO.		Fig.	Input Range	Output Voltage	Output Current	Power	Efficiency (%)	Price Each		
Mfr.	Mfr. Part No.							1	5	10
RAC01 & RAC02 Series - Ultra Compact Size, Low Consumption at No Load										
33.7x22.2x17.75										
919	—RAC01-3.35C	I	90-277VAC	3.3VDC	300mA	1W	65	16.04	14.52	14.04
919	—RAC01-055C	I	90-277VAC	5VDC	200mA	1W	68	14.22	12.87	12.44
919	—RAC01-125C	I	90-277VAC	12VDC	83mA	1W	72	14.22	12.87	12.44
919	—RAC01-245C	I	90-277VAC	24VDC	42mA	1W	73	16.22	14.68	14.19
919	—RAC02-3.35C	I	90-277VAC	3.3VDC	600mA	2W	66	16.54	14.97	14.47
919	—RAC02-055C	I	90-277VAC	5VDC	400mA	2W	70	14.66	13.27	12.83
919	—RAC02-125C	I	90-277VAC	12VDC	167mA	2W	74	14.66	13.27	12.83
919	—RAC02-245C	I	90-277VAC	24VDC	83mA	2W	77	16.72	15.13	14.63
RAC03 Series - Class B Filter Built-In; Low No Load Consumption 37.80x23.90x16.40										
919	—RAC03-3.35C	J	90-264VAC	3.3VDC	900mA	3W	63	20.34	18.41	17.80
919	—RAC03-055C	J	90-264VAC	5VDC	600mA	3W	73	18.02	16.31	15.77
919	—RAC03-125C	J	90-264VAC	12VDC	250mA	3W	76	17.16	15.53	15.02
919	—RAC03-245C	J	90-264VAC	24VDC	125mA	3W	78	19.36	17.52	16.94
RAC04 Series - Ultra Compact Size, Low Consumption at No Load 36.7x27.2x17.10										
919	—RAC04-055A	I	90-264VAC	5VDC	800mA	4W	72	18.09	15.11	13.47
919	—RAC04-055A/277	I	90-305VAC	5VDC	800mA	4W	72	27.08	24.00	21.49
919	—RAC04-125A	I	90-264VAC	12VDC	333mA	4W	77	18.09	15.11	13.47
919	—RAC04-125A/277	I	90-305VAC	12VDC	333mA	4W	77	27.08	24.00	21.49

MOUSER STOCK NO.		Fig.	Input Range	Output Voltage	Output Current	Power	Efficiency (%)	Price Each		
Mfr.	Mfr. Part No.							1	5	10
RAC04 Series - Ultra Compact Size, Low Consumption at No Load 36.7x27.2x17.10 (Cont.)										
919	—RAC04-245A	I	90-264VAC	24VDC	167mA	4W	77	18.09	15.11	13.47
919	—RAC04-245A/277	I	90-305VAC	24VDC	167mA	4W	77	27.08	24.00	21.49
RAC06 Series - Class B Filter Built In; Single and Dual Options										
single = 50.9x25.5x16.40 dual = 53.5x27.8x16.40										
919	—RAC06-055C	I	90-264VAC	5VDC	1200mA	6W	75	24.22	21.92	21.19
919	—RAC06-12DC	I	90-264VAC	±12VDC	±250mA	6W	78	28.32	25.63	24.78
919	—RAC06-125C	I	90-264VAC	12VDC	500mA	6W	78	28.94	22.57	21.82
919	—RAC06-245C	I	90-264VAC	24VDC	250mA	6W	80	28.16	25.48	24.64
RAC10 Series - Compact Size, Industry Standard										
919	—RAC10-055B	K	90-264VAC	5VDC	2500mA	10W	72	30.76	25.63	22.95
919	—RAC10-125B	K	90-264VAC	12VDC	833mA	10W	76	30.76	25.63	22.95
919	—RAC10-155B	K	90-264VAC	15VDC	667mA	10W	75	44.86	40.21	36.00
919	—RAC10-245B	K	90-264VAC	24VDC	417mA	10W	72	30.76	25.63	22.95
RAC20 Series - High Power Density										
919	—RAC20-055B	K	90-264VAC	5VDC	3600mA	18W	78	57.17	51.43	46.05
919	—RAC20-125B	K	90-264VAC	12VDC	1666mA	20W	83	57.17	51.43	46.05
919	—RAC20-155B	K	90-264VAC	15VDC	1330mA	20W	85	57.17	51.43	46.05
919	—RAC20-245B	K	90-264VAC	24VDC	833mA	20W	86	57.17	51.43	46.05



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