

RECOM POWER LED Drivers



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LIGHTLINE LED DRIVERS

Low Power AC Input LED Drivers

* Dimmable † Analog PWM

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Recom Part No.	Fig.	Input Range (VAC)	Output Voltage (VDC)	Output Current (mA)	Power (W)	IP Ratings	Max. No. LEDs (W)	Price Each		
									1	5	10
919-RACD03-350	RACD03-350	A	90-264	3-12	350	3	IP66	3x1	10.12	9.88	9.64
919-RACD03-700	RACD03-700	A	90-264	3-4.5	700	3	IP66	1x2	10.12	9.88	9.64
919-RACD06-350	RACD06-350	B	90-264	3-2.2	350	6	IP20	6x1	11.34	10.77	10.20
919-RACD06-700	RACD06-700	B	90-264	3-8.4	700	6	IP20	2x2	11.34	10.77	10.20
919-RACD07-250	RACD07-250	C	90-295	28	250	7	IP67	-	11.56	10.98	10.40
919-RACD07-350	RACD07-350	C	90-295	21	350	7	IP67	-	11.56	10.98	10.40
919-RACD07-500	RACD07-500	C	90-295	14.5	500	7	IP67	-	11.56	10.98	10.40
919-RACT20-700-US	RACT20-700-US	D	115	15-28	700	20	IP20	8x2W,8+8x1	32.49	30.78	29.07
919-RACT20-350	RACT20-350	D	230	30-56	350	20	IP20	15x1	31.73	30.06	28.39
919-RACT20-700	RACT20-700	D	230	15-28	700	20	IP20	8x2W,8+8x1	31.73	30.05	28.39
919-RACD20-350/277	RACD20-350/277	E	90-305	28-57	350	20	IP66	-	31.68	30.01	28.35
919-RACD20-500/277	RACD20-500/277	E	90-305	20-40	500	20	IP66	-	31.67	30.00	28.34
919-RACD20-700/277	RACD20-700/277	E	90-305	14-29	700	20	IP66	-	31.67	30.00	28.34
919-RACD30-500	RACD30-500	F	90-264	10-56	500	30	IP20	15x2	30.07	28.49	26.91
919-RACD30-700	RACD30-700	F	90-264	10-43	700	30	IP20	12x3W,12+12x1	30.07	28.49	26.91
*† 919-RACD35-500A	RACD35-500A	G	90-305	48-57	500	28.5	IP67	-	34.37	33.39	31.42
*† 919-RACD35-700A	RACD35-700A	G	90-305	36-48	700	33.6	IP67	-	34.37	33.39	31.42
*† 919-RACD35-1000A	RACD35-1000A	G	90-305	24-36	1000	36	IP67	-	34.37	33.39	31.42
*† 919-RACD35-1400A	RACD35-1400A	G	90-305	12-24	1400	33.6	IP67	-	34.37	33.39	31.42
*† 919-RACD35-2500A	RACD35-2500A	G	90-305	9-12	2500	30	IP67	-	34.37	33.39	31.42
† 919-RACD45-1850A	RACD45-1850A	H	90-307	48	105-1050	15-24	IP45	-	43.99	42.74	40.85
† 919-RACD45-1250A	RACD45-1250A	H	90-306	36	12-1250	24-36	IP45	-	43.99	42.74	40.85
† 919-RACD45-1050A	RACD45-1050A	H	90-305	24	185-1850	33-48	IP48	-	43.99	42.74	40.85
† 919-RACD45-700A	RACD45-700A	H	90-308	57	70-700	40-57	IP40	-	43.99	42.74	40.85
† 919-RACD60-1050A	RACD60-1050A	H	90-309	12	420-4200	40-57	IP58	-	45.40	44.10	42.14
† 919-RACD60-1200A	RACD60-1200A	H	90-310	24	250-2500	33-48	IP60	-	45.40	44.10	42.14

PFC Single CV Output LED AC/DC Converters

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Recom Part No.	Fig.	Input Range (VAC)	Output Voltage (VDC)	Output Current (mA)	Power (W)	Efficiency (%)	Price Each		
								1	5	10
919-RACV30-12	RACV30-12	I	100-240	12	0-2500	30	83	31.04	29.41	27.78
919-RACV30-24	RACV30-24	I	100-240	24	0-1250	30	84	31.04	29.41	27.78

Single Constant Voltage and Constant Current LED Drivers

* Analog, PWM ** PSE Certified for Japan market

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Recom Part No.	Fig.	CV Mode		CC Mode		Power (W)	Efficiency (%)	Price Each		
			Constant Voltage (V)	Current Range (A)	DC Voltage Range (V)	Constant Current (A)			1	5	10
* 919-RACD100-1400A	RACD100-1400A	J	71	1.4	50-71	1.4	100	91	78.36	76.13	72.76
* 919-RACD100-700A	RACD100-700A	J	142	7.0	100-142	7.0	100	91	78.36	76.13	72.76
919-RACD100-48	RACD100-48	J	48	0.2-1	34-48	2.1	100	91	71.50	69.47	66.39
** 919-RACD100-12-PSE	RACD100-12-PSE	J	12	0-8.3	9-12	8.3	100	87	71.51	69.46	61.29
** 919-RACD100-24-PSE	RACD100-24-PSE	J	24	0.4-2	14-24	4.2	100	87	71.51	69.46	61.29
** 919-RACD100-36-PSE	RACD100-36-PSE	J	36	0-2.8	26-36	2.8	100	89	71.51	69.46	61.29
** 919-RACD100-48-PSE	RACD100-48-PSE	J	48	0.2-1	34-48	2.1	100	89	71.51	69.46	61.29
919-RACD150-12	RACD150-12	J	12	0-11	9-12	11	150	88	72.87	70.79	67.66
** 919-RACD150-12-PSE	RACD150-12-PSE	J	12	0-11	9-12	11	150	85	72.87	70.79	62.46
** 919-RACD150-24-PSE	RACD150-24-PSE	J	24	0-6.3	14-24	6.3	150	87	72.87	70.79	62.46
919-RACD150-36	RACD150-36	J	36	0-4.2	26-36	4.2	150	90	72.87	70.79	67.66
** 919-RACD150-36-PSE	RACD150-36-PSE	J	36	0-4.2	26-36	4.2	150	90	72.87	70.79	62.46
** 919-RACD150-48-PSE	RACD150-48-PSE	J	48	0-3.2	34-48	3.2	150	90	72.87	70.79	62.46

High Output Voltage and Constant Current Operation

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Recom Part No.	Fig.	Input Range (VAC)	Output Voltage (VDC)	Output Current (mA)	Power (W)	Efficiency (%)	Price Each			
								1	2	5	10
919-RACD150-1050A	RACD150-1050A	K	90-305	60-143	1050	147	92	90.74	89.43	88.00	85.24
919-RACD150-1400A	RACD150-1400A	K	90-305	60-107	1400	±150	91	90.74	89.43	88.00	85.24
919-RACD150-700A	RACD150-700A	K	90-305	60-210	700	±150	92	90.74	89.43	88.00	85.24

Potentiometer for RACDxx Series Driver

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Recom Part No.	Fig.	Input Voltage (VAC)	Output Current (mA)	Output Power (W)	Price Each		
						1	5	10
919-REPOT01-10	REPOT01-10	L	230	40	40	45.87	44.56	42.59

High Power DC/DC LED Drivers

* M = Metal case

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MOUSER STOCK NO.	Recom Part No.	Fig.	Input Range (VDC)	Output Current (mA)	Output Voltage (V _{Min} -V _{Max}) (VDC)	Power (W)	Price Each		
							1	5	10
919-RCD-24-0.30	RCD-24-0.30	M	4.5-36	300	2-35	11	13.46	12.79	12.11
919-RCD-24-0.35	RCD-24-0.35	M	4.5-36	350	2-35	12	10.30	9.79	9.27
919-RCD-24-0.35/PLB	RCD-24-0.35/PLB	N	4.5-36	350	2-35	12	12.88	12.24	11.59
919-RCD-24-0.35/W	RCD-24-0.35/W	M	4.5-36	350	2-35	12	15.08	14.33	13.57
919-RCD-24-0.35/W/X1	RCD-24-0.35/W/X1	M	4.5-36	350	2-35	12	16.02	15.22	14.42
919-RCD-24-0.50	RCD-24-0.50	M	4.5-36	500	2-35	18	14.50	13.78	13.05
919-RCD-24-0.70	RCD-24-0.70	M	4.5-36	700	2-35	25	11.90	11.30	10.70
919-RCD-24-0.70/W	RCD-24-0.70/W	M	4.5-36	700	2-35	25	17.62	16.74	15.86
919-RCD-24-1.00	RCD-24-1.00	M	6-36	1000	3-33	31	14.44	13.71	12.99
919-RCD-24-1.00/W/X1	RCD-24-1.00/W/X1	M	6-36	1000	3-33	33	20.84	19.74	18.65
919-RCD-24-1.20	RCD-24-1.20	M	6-36	1200	3-33	37	15.32	14.55	13.78
919-RCD-24-1.00/PLA	RCD-24-1.00/PLA	M	6-36	1000	2-35	32	15.66	14.88	14.09
919-RCD-48-0.35	RCD-48-0.35	M	9-60	350	2-56	70	17.92	17.03	16.13
919-RCD-48-0.35/W	RCD-48-0.35/W	M	9-60	350	2-56	20	18.98	18.03	17.08
919-RCD-48-0.50	RCD-48-0.50	M	9-60	500	2-56	28	19.12	18.17	17.21
919-RCD-48-0.70	RCD-48-0.70	M	9-60	700	2-56	39	19.70	18.72	17.73
919-RCD-48-0.70/W	RCD-48-0.70/W	M	9-60	700	2-56	39	19.84	18.79	17.75
* 919-RCD-48-1.20/M	RCD-48-1.20/M	M	9-60	1200	2-56	67	24.85	23.54	22.24

Constant Current Buck-Boost LED Drivers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Recom Part No.	Fig.	Input Voltage (VAC)	Power Consumption (Typ.)	Power Consumption (mA) (Max.)	Diming Output	Price Each			
							1	2	5	10
919-RBD-12-0.35	RBD-12-0.35	O	8-36		350	2-40	14	26.87	25.45	24.04
919-RBD-12-0.35/W	RBD-12-0.35/W	O	8-36		350	2-40	20	27.91	26.44	24.97
919-RBD-12-0.50	RBD-12-0.50	O	8-36		500	2-40	20	28.08	26.60	25.13
919-RBD-12-0.50/W	RBD-12-0.50/W	O	8-36		500	2-40	20	29.13	27.59	26.06

REL-D01/R Converter AC/DC DALI Converter

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MOUSER STOCK NO.	Recom Part No.	Fig.	Input Voltage (VAC)	Power Consumption (Typ.)	Power Consumption (mA) (Max.)	Diming Output	Price Each			
							1	2	5	10
919-RELI-DA01/R	RELI-DA01/R	P	90-264	1.6	2	PWM or DC 0-10V, DC 1-10V	43.22	41.82	38.99	38.70

