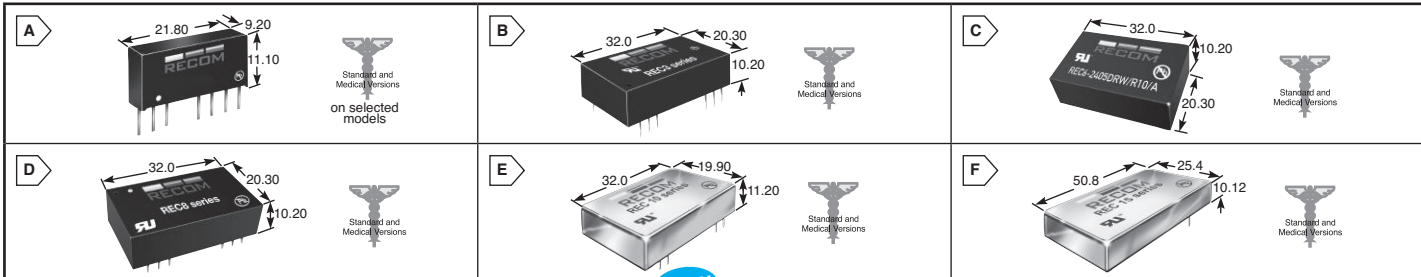


# RECOM POWER DC/DC Converters



## ECONOLINE DC/DC CONVERTERS - REGULATED



RSO Series, 1 W Isolated Single & Dual Output Regulated, SIP8

- Continuous Short Circuit Protection • No external capacitor needed • Low Noise • Efficiency to 83%

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	RECOM Part No.	Fig.	Input Volts	Output Volts	Output Current	Price Each		
						1	5	10
<b>1kVDC Isolation - Single Output</b>								
919-RSO-0505S	RSO-0505S	A	4.5-9	5	200mA	16.72	16.02	15.32
919-RSO-1205S	RSO-1205S	A	9-18	5	200mA	16.00	15.31	14.61
919-RSO-1205SZ	RSO-1205SZ	A	4.5-18	5	200mA	19.50	19.01	18.53
919-RSO-1212SZ	RSO-1212SZ	A	4.5-18	12	83mA	19.50	19.01	18.53
919-RSO-1215SZ	RSO-1215SZ	A	4.5-18	15	67mA	19.50	19.01	18.53
919-RSO-2405S	RSO-2405S	A	18-36	5	200mA	15.68	15.00	14.31
919-RSO-2412S	RSO-2412S	A	18-36	12	83mA	15.68	15.00	14.31
<b>1kVDC, Dual Output</b>								
919-RSO-1205DZ	RSO-1205DZ	A	4.5-18	±5	±100mA	21.44	20.90	20.37
919-RSO-1212DZ	RSO-1212DZ	A	4.5-18	±12	±42mA	21.44	20.90	20.37
<b>3kV - Medical EN-60601-1</b>								
919-RSO-0505S/H3	RSO-0505S/H3	A	4.5-9	5	200mA	21.45	19.39	17.69
919-RSO-1212SZ/H3	RSO-1212SZ/H3	A	4.5-18	12	83mA	22.48	21.92	21.36
919-RSO-1215SZ/H3	RSO-1215SZ/H3	A	4.5-18	15	67mA	22.48	21.92	21.36
919-RSO-1205SZ/H3	RSO-1205SZ/H3	A	4.5-18	5	200mA	22.48	21.92	21.36
919-RSO-2405S/H3	RSO-2405S/H3	A	9-36	5	200mA	21.45	19.39	17.69
919-RSO-2412SZ/H3	RSO-2412SZ/H3	A	9-36	12	83mA	21.45	19.39	17.69
919-RSO-4805S/H3	RSO-4805S/H3	A	18-72	5	200mA	24.96	22.56	20.58
919-RSO-4812SZ/H3	RSO-4812SZ/H3	A	18-72	12	83mA	24.96	22.56	20.58
<b>3kVDC, Dual Output</b>								
919-RSO-1205DZ/H3	RSO-1205DZ/H3	A	4.5-18	±5	±100mA	24.76	24.14	23.52
919-RSO-1212DZ/H3	RSO-1212DZ/H3	A	4.5-18	±12	±42mA	24.76	24.14	23.52

## RS Series, 2 - 3W Isolated Single & Dual Output Regulated, SIP8

- Continuous Short Circuit Protection • Low Ripple Noise • Remote On/Off Control • 1kVDC Isolation • Efficiency to 83%

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	RECOM Part No.	Fig.	Input Volts	Output Volts	Output Current	Price Each		
						1	5	10
<b>Single Output</b>								
919-RS-2405S	RS-2405S	A	18-36	5	400mA	17.35	15.69	14.31
919-RS3-0505S	RS3-0505S	A	4.5-9	5	600mA	17.72	16.99	16.26
919-RS-2405SZ	RS-2405SZ	A	9-27	5	600mA	19.58	18.82	18.05
919-RS3-2412SZ	RS3-2412SZ	A	9-27	12	250mA	19.58	18.82	18.05
919-RS-4805S	RS-4805S	A	20-60	5	600mA	21.56	20.76	19.95
919-RS3-4812SZ	RS3-4812SZ	A	20-60	12	250mA	21.56	20.76	19.95
<b>Dual Output</b>								
919-RS3-0505D	RS3-0505D	A	4.5-9	±5	±300mA	18.89	18.15	17.40

## REC3.5 Series, 3.5W Reinforced Single & Dual Output Regulated, DIP24

- Continuous Short Circuit Protection • 10kVDC Isolation • Efficiency to 86%

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	RECOM Part No.	Fig.	Input Range	Output Voltage	Output Current	Power	Price Each			
							1	5	10	25
919-3.5-0505SRWR10A	REC3.5-0505SRWR/R10/A	B	4.5-9	5	700mA	42.77	41.54	40.31		
919-3.5-0512SRWR10A	REC3.5-0512SRWR/R10/A	B	4.5-9	12	290mA	42.77	41.54	40.31		
919-3.5-1205SRWR10A	REC3.5-1205SRWR/R10/A	B	9-18	5	700mA	40.77	39.58	38.39		
919-3.5-1212SRWR10A	REC3.5-1212SRWR/R10/A	B	9-18	12	290mA	40.77	39.58	38.39		
919-3.5-2405SRWR10A	REC3.5-2405SRWR/R10/A	B	18-36	5	700mA	40.77	39.58	38.39		

## POWERLINE - REGULATED DC/DC CONVERTERS

### RP15 Series, 15W Single Output Open Frame SMD

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	RECOM Part No.	Fig.	Input Range	Output Voltage	Output Current	Power	Control Connections	Price Each			
								1	5	10	25
919-RP15-483.3SOFW	RP15-483.3SOFW	A	18-75	3.3	4.0A	20W	-	65.44	58.97	52.81	49.14
919-RP15-483.3SOFW/N	RP15-483.3SOFW/N	A	18-75	3.3	4.0A	20W	Negative	71.72	64.71	57.95	53.92
919-RP15-4805SOFW	RP15-4805SOFW	A	18-75	5	3.0A	20W	-	65.44	58.97	52.81	49.14
919-RP15-4805SOFW/N	RP15-4805SOFW/N	A	18-75	5	3.0A	20W	Negative	71.72	64.71	57.95	53.92

## RPP POWERLINE PLUS HIGH TEMPERATURE DC-DC CONVERTERS

20-50W SINGLE & DUAL OUTPUT

Ideal for high end industrial applications where a very high ambient operating temperature is required

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	RECOM Part No.	Fig.	Input Range	Output Voltage	Output Current	Power	Price Each			
							1	5	10	25
<b>Single Output</b>										
919-RPP20-243.3SW	RPP20-243.3SW	B	9-36	3.3	6.0A	20W	128.10	116.11	103.98	96.76
919-RPP20-2405SW	RPP20-2405SW	B	9-36	5	4.0A	20W	128.10	116.11	103.98	96.76
919-RPP20-2412SW	RPP20-2412SW	B	9-36	12	1.66A	20W	128.10	116.11	103.98	96.76
919-RPP20-2424SW-B	RPP20-2424SW-B	C	9-36	24	830mA	20W	141.83	118.61	106.48	99.26
919-RPP20-4805SW	RPP20-4805SW	B	18-75	5	4.0A	20W	128.10	116.11	103.98	96.76
919-RPP20-4812SW	RPP20-4812SW	B	18-75	12	1.66A	20W	128.10	116.11	103.98	96.76
919-RPP30-2405SW	RPP30-2405SW	B	9-36	5	6.0A	30W	133.91	121.41	108.72	101.17
919-RPP30-2412SW	RPP30-2412SW	B	9-36	12	2.5A	30W	133.91	121.41	108.72	101.17
919-RPP30-2424SW-B	RPP30-2424SW-B	C	9-36	24	1250mA	30W	148.19	123.91	111.22	103.67
919-RPP30-4805SW	RPP30-4805SW	B	18-75	5	6.0A	30W	133.91	121.41	108.72	101.17
919-RPP30-4812SW	RPP30-4812SW	B	18-75	12	2.5A	30W	133.91	121.41	108.72	101.17
919-RPP40-2424SW-B	RPP40-2424SW-B	C	9-36	24	100/1885mA	40W	179.97	150.39	134.94	125.74
919-RPP50-2405S	RPP50-2405S	B	18-36	5	10.0A	50W	162.94	147.89	132.44	123.24
919-RPP50-2412S	RPP50-2412S	B	18-36	12	4.16A	50W	162.94	147.89	132.44	123.24
919-RPP50-4805S	RPP50-4805S	B	36-75	5	10.0A	50W	162.94	147.89	132.44	123.24
919-RPP50-4812S	RPP50-4812S	B	36-75	12	4.16A	50W	162.94	147.89	132.44	123.24
<b>Dual Output</b>										
919-RPP20-2412DW	RPP20-2412DW	B	9-36	±12	±833mA	20W	128.10	116.11	103.98	96.76
919-RPP20-2415DW	RPP20-2415DW	B	9-36	±15	±666mA	20W	128.10	116.11	103.98	96.76
919-RPP20-4812DW	RPP20-4812DW	B	18-75	±12	±833mA	20W	128.10	116.11	103.98	96.76
919-RPP20-4815DW	RPP20-4815DW	B	18-75	±15	±666mA	20W	128.10	116.11	103.98	96.76

**A**

- Optional Remote On/Off and Trim pins
- Fixed Operating Frequency
- 2.25kVDC Isolation
- Efficiency to 87%

**B**

**Features:**

- Built-in FCC/EN55022 class B filter
- Low quiescent current
- Fully protected
- 2-3kVDC Isolation
- Efficiency to 92%

**C**

**NEW PRODUCT**