

# RECOM POWER DC/DC Converters



NEW SUPPLIER

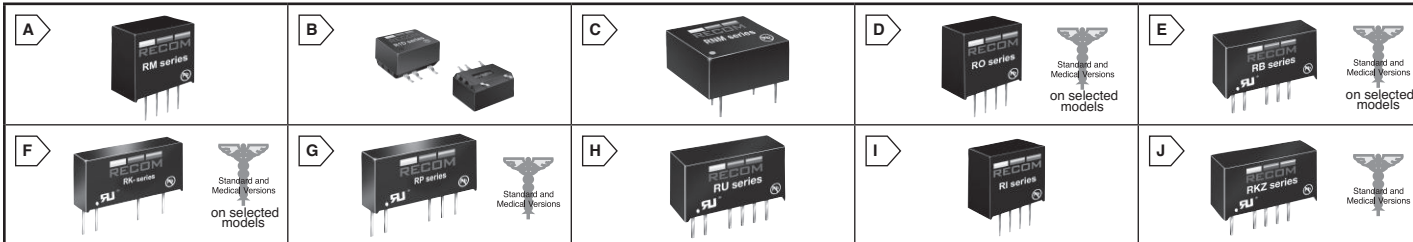
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RECOM Power

DC-DC Converters



## ECONOLINE DC/DC CONVERTERS - UNREGULATED

### RM Series, 0.25W Single Output Unregulated, SIP4

• 1kVDC Isolation • Efficiency to 76% 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
919-RM-0505S	RM-0505S	A	5	5	50mA	5.82	5.31	4.85

### R0.25S & R0.25D Series, 0.25W SMD Single, Dual & Independent Outputs

• 1kVDC • Fully Power at 100°C Ambient Temperature

Single								
919-R0.25S-3.333	R0.25S-3.333	B	3.3	3.3	76mA	12.58	12.27	11.95
919-R0.25S-0505	R0.25S-0505	B	5	5	50mA	10.86	10.59	10.32
919-R0.25S-1205	R0.25S-1205	B	12	5	50mA	10.86	10.59	10.32
Dual								
919-R0.25D-1205	R0.25D-1205	B	12	±5	±25mA	11.44	11.15	10.87
919-R0.25D-0505	R0.25D-0505	B	5	±5	±25mA	11.44	11.15	10.87

### R0.5Z Series, 0.5W SMD Isolated Single Output

• 1kVDC Isolation • Single Regulated Output (Internal Linear Material) • SMD Package Styles

919-R0.5Z-0505	R0.5Z0505	B	5	5	100mA	13.09	11.83	10.79
919-R0.5Z-1205	R0.5Z1205	B	12	5	100mA	13.09	11.83	10.79

### R1S/D & R2S Series, 1 - 2W Single & Dual Output Unregulated

• Full Power at 100°C Ambient Temperature • Suitable for Fully Automated Assembly • 1kVDC Isolation • Efficiency to 85%

Single Output								
919-R1S-0505	R1S-0505	B	5	5	200mA	6.37	5.90	5.39
919-R1S-0505/E	R1S-0505/E	B	5	5	200mA	7.98	7.22	6.58
919-R1S8-0505	R1S8-0505	B	5	5	200mA	6.84	6.39	5.83
919-R1S-0125	R1S-0125	B	5	12	84mA	6.84	6.39	5.83
919-R1S-1205	R1S-1205	B	12	5	200mA	6.84	6.39	5.83
919-R1S-1212	R1S-1212	B	12	12	84mA	6.84	6.39	5.83
919-R2S-0505	R2S-0505	B	5	5	400mA	10.46	10.20	9.30
919-R2S-1205	R2S-1205	B	12	5	400mA	10.46	10.20	9.30
919-R2S-1212	R2S-1212	B	12	12	167mA	10.46	10.20	9.30
Dual Output								
919-R1D-0505	R1D-0505	B	5	±5	±100mA	7.17	6.73	6.14
919-R1D-0512	R1D-0512	B	5	±12	±42mA	7.17	6.73	6.14
919-R1D-1205	R1D-1205	B	12	±5	±100mA	7.17	6.73	6.14
919-R1D-1212	R1D-1212	B	12	±12	±42mA	7.17	6.73	6.14

### R1Z Series, 1W SMD Miniature Isolated Single Output

• 1kVDC & 2kVDC Isolation H-Suffix • Toroidal Magnetics • High Temperature Operation • Regulated with Short Circuit Protected

919-R1Z-0505	R1Z-0505	B	5	5	200mA	14.90	14.53	14.16
919-R1Z-0505/HP	R1Z-0505/HP	B	5	5	200mA	17.18	16.75	16.32
919-R1Z-0505/P	R1Z-0505/P	B	5	5	200mA	15.62	15.23	14.84
919-R1Z-2405	R1Z-2405	B	24	5	200mA	16.50	16.09	15.68

### RNM Series, 1W Single Output Unregulated, DIP6

• Micro Size (8.3x8.3x6.8mm) • 1kVDC Isolation

919-RNM-3.305S	RNM-3.305S	C	3.3	5	200mA	7.39	6.97	6.36
919-RNM-053.3S	RNM-053.3S	C	5	3.3	303mA	6.75	6.29	5.74
919-RNM-0505S	RNM-0505S	C	5	5	200mA	6.96	6.29	5.74
919-RNM-0512S	RNM-0512S	C	5	12	83mA	6.75	6.29	5.74
919-RNM-1205S	RNM-1205S	C	12	5	200mA	6.75	6.29	5.74
919-RNM-1212S	RNM-1212S	C	12	12	83mA	6.75	6.29	5.74

### RO & ROM Series, 1W Single Output Unregulated, SIP4

• Industry Standard Pinout • 1kVDC Isolation • Small Footprint

919-RO-0505S	RO-0505S	D	5	5	200mA	5.82	5.31	4.85
919-RO-0505S/E	RO-0505S/E	D	5	5	200mA	7.10	6.43	5.86
919-RO-0512S	RO-0512S	D	5	12	83mA	5.82	5.31	4.85
919-RO-0515S	RO-0515S	D	5	15	66mA	5.82	5.31	4.85
919-RO-1205S	RO-1205S	D	12	5	200mA	5.82	5.31	4.85
919-RO-1212S	RO-1212S	D	12	12	83mA	5.82	5.31	4.85
919-RO-2405S	RO-2405S	D	24	5	200mA	6.25	5.77	5.26
919-RO-2412S	RO-2412S	D	24	12	83mA	6.25	5.77	5.26
919-RO-2424S	RO-2424S	D	24	24	42mA	6.25	5.77	5.26

### SIP4 MICRO 7.7mm - Medical Approved - 3kVDC Isolation

919-ROM-0505S	ROM-0505S	D	5	5	200mA	7.19	6.50	5.93
919-ROM-0512S	ROM-0512S	D	5	12	83mA	7.19	6.50	5.93
919-ROM-1205S	ROM-1205S	D	12	5	200mA	7.19	6.50	5.93
919-ROM-1212S	ROM-1212S	D	12	12	83mA	7.19	6.50	5.93

### RB Series, 1W Single & Dual Output Unregulated, SIP6 & 7

• Low Cost • Power Sharing on Dual Output Version • Industry Standard Pinout • 1kVDC Isolation • Efficiency 85%

Single Output								
919-RB-0505S	RB-0505S	E	5	5	200mA	5.82	5.31	4.85
919-RB-0505S/E	RB-0505S/E	E	5	5	200mA	7.10	6.43	5.86
919-RB-0512S	RB-0512S	E	5	12	84mA	5.82	5.31	4.85

### RB Series, 1W Single & Dual Output Unregulated, SIP6 & 7 (Cont.)

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
Single Output								
919-RB-1205S	RB-1205S	E	12	5	200mA	5.82	5.31	4.85
919-RB-1212S	RB-1212S	E	12	12	84mA	5.82	5.31	4.85
SIP6 Micro Size - Medical Approved - 3kVDC Isolation								
919-RBM-0505S	RBM-0505S	E	5	5	200mA	7.19	6.50	5.93
Dual Output								
919-RB-0505D	RB-0505D	E	5	±5	±100mA	6.00	5.49	5.01
919-RB-0512D	RB-0512D	E	5	±12	±42mA	6.00	5.49	5.01
919-RB-0515D	RB-0515D	E	5	±15	±33mA	6.00	5.49	5.01
919-RB-2412D	RB-2412D	E	24	±12	±42mA	6.55	6.08	5.54

### RE/RK/RH Series, 1W Single & Dual Output Unregulated, SIP7

• SMD Pinning options available. Contact Mouser Rep • Remote Control Pin • 1kVDC Isolation (RE) • Efficiency 85%

Single Output								
919-RE-0505S	RE-0505S	F	5	5	200mA	5.82	5.31	4.85
919-RE-0512S	RE-0512S	F	5	12	83mA	5.82	5.31	4.85
919-RE-1205S	RE-1205S	F	12	5	200mA	5.82	5.31	4.85
919-RE-1212S	RE-1212S	F	12	12	83mA	5.82	5.31	4.85
919-RE-2405S	RE-2405S	F	24	5	200mA	6.25	5.77	5.26
3kVDC Isolation								
919-RK-0505S	RK-0505S	F	5	5	200mA	7.20	6.76	6.17
919-RK-0512S	RK-0512S	F	5	12	84mA	7.20	6.76	6.17
919-RK-0515S	RK-0515S	F	5	15	66mA	7.20	6.76	6.17
919-RK-1205S	RK-1205S	F	12	5	200mA	7.20	6.76	6.17
919-RK-1212S	RK-1212S	F	12	12	84mA	7.20	6.76	6.17
919-RK-1505S	RK-1505S	F	15	5	200mA	7.53	7.11	6.48
Dual Output - Medical Approved								
919-RH-0515D	RH-0515D	F	5	±15	±33mA	7.68	7.28	6.64

### RP Series, 1W Single & Dual Output Unregulated, SIP7

• Pot-Core Transformer - separated windings • Approved for Medical and Lab Apps • High 5.2kVDC Isolation in compact size • Pin Compatible with RH and RK Series • Efficiency to 82%

Single Output								
919-RP-0505S	RP-0505S	G	5	5	200mA	12.96	11.72	10.69
919-RP-0509S	RP-0509S	G	5	9	111mA	11.91	11.72	10.69
919-RP-0515S	RP-0515S	G	5	15	66mA	11.91	11.72	10.69
919-RP-0524S	RP-0524S	G	5	24	42mA	11.91	11.72	10.69
919-RP-1212S	RP-1212S	G	12	12	84mA	12.96	11.72	10.69
919-RP-2405S	RP-2405S	G	24	5	200mA	12.46	12.29	11.21
Dual Output								
919-RP-0505D	RP-0505D	G	5	±5	±100mA	13.60	12.29	11.21

### RxxPxx Series, 1 - 2W Single Output Unregulated, SIP7

• Standard Isolation 5.2kVDC • UL/CSA and EN Safety Certified • Approved for Medical and Lab Apps • Efficiency 88%

919-R05P05S	R05P05S	G	5	5	200mA	12.06	11.88	10.84
919-R05P12S	R05P12S	G	5	12	84mA	12.06	11.88	10.84
919-R12P12S	R12P12S	G	12	12	84mA	12.06	11.88	10.84
919-R24P05S	R24P05S	G	24	5	200mA	12.62	12.46	11.37
919-R24P12S	R24P12S	G	24	12	84mA	12.62	12.46	11.37
919-R05P205S	R05P205S	G	5	5	400mA	13.80	12.47	11.38
919-R05P209S	R05P209S	G	5	9	222mA	13.80	12.47	11.38
919-R12P212S	R12P212S	G	12	12	167mA	13.80	12.47	11.38

### RU Series, 1W Isolated Dual Output, SIP7

• Twin Independent Outputs • Power Sharing on Outputs • 1kVDC Isolation • Efficiency to 76%

919-RU-050505	RU-050505	H	5	5	100mA	11.55	10.44	9.52
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### RN Series, 1.25W Single Output Unregulated, DIP8

• 1kVDC Isolation • Efficiency to 85%

919-RN-0505S	RN-0505S	C	5	5	250mA	7.61	6.88	6.27
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### RI Series, 2W Single Output Unregulated, SIP4

• 1kVDC Isolation • Efficiency to 85%

919-RI-0505S	RI-0505S	I	5	5	400mA	7.88	7.12	6.49
919-RI-0512S	RI-0512S	I	5	12	167mA	7.88	7.12	6.49
919-RI-1205S	RI-1205S	I	12	5	400mA	7.88	7.12	6.49
919-RI-1212S	RI-1212S	I	12	12	167mA	7.88	7.12	6.49
919-RI-2412S	RI-2412S	I	24	12	167mA	7.91	7.50	6.85

### RKZ Series, 2W Single & Dual Output Unregulated,