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## RKW OPEN FRAME MODEL TABLE

| MODEL | OUTPUT | ADJUSTMENT RANGE | OVP SETTING(1) | OUTPUT CURRENT | CURRENT LIMIT | SHORT CIRCUIT CURRENT | SWITCHING RIPPLE | NOISE | EFFICIENCY (%) TYPICAL | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Volts | | Volts | Amps -10-+50°C | Amps(2) | Amps | mV p-p | mV p-p(3) | 100V a-c | 200V a-c |
| **30 WATT MODELS** | | | | | | | | | | |
| RKW 3.3-7K | 3.3 | 2.85-4.0 | 4.2-5.2 | 7.0 | 7.9 | - | 80 | 120 | 75 | 76 |
| RKW 5-6K | 5 | 4.0-5.8 | 6.0-6.9 | 6.0 | 6.3 | - | 80 | 120 | 77 | 78 |
| RKW 12-2.5K | 12 | 9.6-13.2 | 13.7-15.7 | 2.5 | 2.6 | - | 100 | 150 | 81 | 82 |
| RKW 15-2K | 15 | 12-16.5 | 17.0-19.0 | 2.0 | 2.1 | - | 100 | 150 | 81 | 83 |
| RKW 24-1.3K | 24 | 19.2-26.4 | 27.0-30.5 | 1.3 [2.0](4) | 2.1 | - | 100 | 150 | 84 | 85 |
| RKW 48-0.65K | 48 | 38.4-52.8 | 55.0-60.0 | 0.65 | 0.68 | - | 130 | 200 | 84 | 85 |
| **50 WATT MODELS** | | | | | | | | | | |
| RKW 3.3-12K | 3.3 | 2.85-4.0 | 4.2-5.2 | 12.5 | 13.1 | 16 | 80 | 120 | 71 | 73 |
| RKW 5-10K | 5 | 4.0-5.8 | 6.0-6.9 | 10 | 10.5 | 12.6 | 80 | 120 | 75 | 78 |
| RKW 12-4.3K | 12 | 9.6-13.2 | 13.7-15.7 | 4.3 | 4.5 | 5.6 | 100 | 150 | 78 | 80 |
| RKW 15-3.5K | 15 | 12-16.5 | 17.0-19.0 | 3.5 | 3.6 | 5.4 | 100 | 150 | 78 | 80 |
| RKW 24-2.2K | 24 | 19.2-26.4 | 27.0-30.5 | 2.2 [3.2](4) | 3.3 | 6.2 | 100 | 150 | 79 | 82 |
| RKW 48-1.1K | 48 | 38.4-52.8 | 55.0-60.0 | 1.1 | 1.15 | 2.4 | 130 | 200 | 80 | 83 |
| **100 WATT MODELS** | | | | | | | | | | |
| RKW 3.3-25K | 3.3 | 2.85-4.0 | 4.2-5.2 | 25 | 26.25 | 37.5 | 80 | 120 | 74 | 77 |
| RKW 5-20K | 5 | 4.0-5.8 | 6.0-6.9 | 20 | 21.0 | 27.5 | 80 | 120 | 77 | 82 |
| RKW 12-8.5K | 12 | 9.6-13.2 | 13.7-15.7 | 8.5 | 8.92 | 11.5 | 100 | 150 | 80 | 84 |
| RKW 15-7K | 15 | 12-16.5 | 17.0-19.0 | 7 | 7.35 | 10 | 100 | 150 | 80 | 84 |
| RKW 24-4.5K | 24 | 19.2-26.4 | 27.0-30.5 | 4.5 [6.5](4) | 6.82 | 10 | 100 | 150 | 81 | 85 |
| RKW 28-3.8K | 28 | 22.4-30.8 | 32.0-35.0 | 3.8 | 3.99 | 7.5 | 100 | 150 | 81 | 85 |
| RKW 48-2.1K | 48 | 38.4-52.8 | 55.0-60.0 | 2.1 | 2.2 | 4.5 | 130 | 200 | 83 | 86 |
| **150 WATT MODELS** | | | | | | | | | | |
| RKW 3.3-35K | 3.3 | 2.85-4.0 | 4.2-5.2 | 35 | 36.75 | 45 | 80 | 120 | 73 | 77 |
| RKW 5-30K | 5 | 4.0-5.8 | 6.0-6.9 | 30 | 31.5 | 37 | 80 | 120 | 77 | 82 |
| RKW 12-13K | 12 | 9.6-13.2 | 13.7-15.7 | 13 | 13.65 | 18 | 100 | 150 | 80 | 84 |
| RKW 15-10K | 15 | 12-16.5 | 17.0-19.0 | 10 | 10.5 | 14 | 100 | 150 | 80 | 84 |
| RKW 24-6.5K | 24 | 19.2-26.4 | 27.0-30.5 | 6.5 [10](4) | 10.5 | 13 | 100 | 150 | 82 | 86 |
| RKW 28-5.5K | 28 | 22.4-30.8 | 32.0-35.0 | 5.5 | 5.78 | 9 | 100 | 150 | 82 | 86 |
| RKW 48-3.3K | 48 | 38.4-52.8 | 55.0-60.0 | 3.3 | 3.46 | 8.5 | 130 | 200 | 84 | 88 |

(1) An overvoltage shuts down the output. Recover by recycling a-c input.
(2) The current limit is rectangular.The 30W models have a "winker" circuit. After the overload is removed, output is automatically restored.
(3) Bandwidth 100MHz. Ripple and noise will be approximately 1.5 times these values in the operating temperature range -10-0°C.
The ripple and noise values tabulated are valid when the output is derated as shown in Figure 1 from 50-65°C.
(4) [ ] = Peak current (useful for motor start applications). These models (except for 30W model) cut off output voltage if overtemperature detected; recover by recycling a-c input.


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