



FEATURES

- Wide-Range Input Voltage
- Industry-Standard Pin Out
- Adjustable Output Voltage (60% - 110%)
- Remote ON/OFF
- Remote Sense
- Constant Frequency
- Low Output Noise
- Metal Case
- MTBF > 4,310,000 Hours (40°C)

SPECIFICATIONS

INPUT

Voltage/Current	See Model Selection Table
Max. Input Current	3.0 A
(V _{in} = 0 to 72 VDC)	
Max. Inrush Transient	0.2 A's
Reflected Ripple Current	25 mA (peak-to-peak)
Ripple Rejection	60dB

OUTPUT

Output Voltage	See Model Selection Table
Set Point	±1%
Regulation	
Line	0.02% (typ.)
Load	0.5% (typ.)
Ripple (RMS)	
2V, 5V	10 mV
12V	15 mV
15V	20 mV
Noise (peak-to-peak)	
2V, 5V, 12V	100 mV
15V	150 mV
(measured with a 20 MHz bandwidth)	
Temperature Drift	±0.01%/°C
Overvoltage Protection	120%
Current Limit Inception	120%
Short Circuit Current	180%
Efficiency	See Model Selection Table

Isolation

Voltage	500 VDC
Capacitance	2000 pf
Resistance	>10 MΩ

ENVIRONMENTAL

Operating Case Temp.	-40 to +100°C
Storage Temp.	-40 to +110°C

MECHANICAL SPECIFICATIONS

Size (W x D x H)	2.40 x 2.28 x 0.50 inches (61 x 58 x 13 mm)
Weight	3.5 oz. (99 g)

See drawing on page 110

MODEL SPECIFICATIONS

Output		Input Range			
Volts	Amps	24 (18-36) VDC		48 (36-72) VDC	
		Model	Effic.	Model	Effic.
2.0 VDC	0 - 6A	HWE02006	69%	HWG02006	69%
3.3 VDC	0 - 6A	HWE03006	75%	HWG03006	75%
5.0 VDC	0 - 6A	HWE05006	81%	HWG05006	81%
12.0 VDC	0 - 2.5A	HWE122R5	83%	HWG122R5	83%
15.0 VDC	0 - 2A	HWE15002	83%	HWG15002	83%