



Computer Control Instrumentation

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24WR500E

500 Watt DC/DC Converter Specifications - 13V8@30A

Wide Range Input	18V5 - 35 VDC (Nominal 24V)
Output Voltage	13.8VDC (-0 / +100 mV)
Regulation	< 2% from no load to max load current.
Minimum load	No Min. load necessary to meet above spec.
Input Fuse	30A
Output Fuse/s (5)	1x10A 1x7.5A 1x5A 1x7.5A 1x5A
Input LEDs is ON if Input is	Within range 18V5 - 35VDC
Output LED is ON if O/P is	> 12VDC
Efficiency	~90% Depending on Load Conditions
Isolation	I/P to O/P 500V Minimum
Isolation	I/P to GND 500V Minimum
Isolation	O/P to GND 50V Minimum
Ripple & Noise	< 100mV (Typically <= 50mV @ 30A)
Operating Temperature	0-60°C
Inrush Current	100A for 1 mS, Falls to Max~15A within 5 mS.
Input Over-Voltage Protection	Transorb 3.0 kW Peak Power @ 40V
Input/Output Connector	Fast-on Spade (Automotive style) 6.3mm.
Weight	As supplied in Carton: 2.01 Kg
Cautions	Unit should be disconnected during any "Megger" testing of input/output circuits.