Computer
Control
Instrumentation
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Model 72W800E-24
Input 60-78V - Output 24V@33A
800 Watt DC/DC Converter Specification

Input	**60 – 78 Vdc**
Output Voltage	**24Vdc (+/-200 mV @ 72V In)**
Regulation	**<Proportional to input variation % from 72V**
Input Fuse	**15A**
Output Fuse	**35A (1 x 20A & 1 x 15A in parallel)**
Input LEDs are ON if I/P is	**within range 60-78V DC**
Output LEDs are ON if O/P is	**> 22V DC**
Efficiency	**92 – 96 % Depending on Load Conditions**
Isolation	**I/P to O/P 500V Minimum (Tested)**
Isolation	**I/P to GND 500V Minimum (Tested)**
Isolation	**O/P to GND 10Mohm Minimum (Tested)**
Ripple & Noise	**< 250mV (Typically < 150mV @ 30A)**
Operating Temperature	**0-60°C**

Note: This DC/DC converter is a primary - regulated unit intended for high powered 24V applications where a tightly regulated output is not required. The converter runs at very high efficiency and would normally be used to power 24V vehicle type items. Uses would typically include windscreen wipers/washers, air conditioner clutches and motors, W/C pumps, fluorescent lighting etc. For an input voltage which ranges from 60V – 78V the output voltage would range correspondingly from ~ 20V to 27V DC.