

Innovative

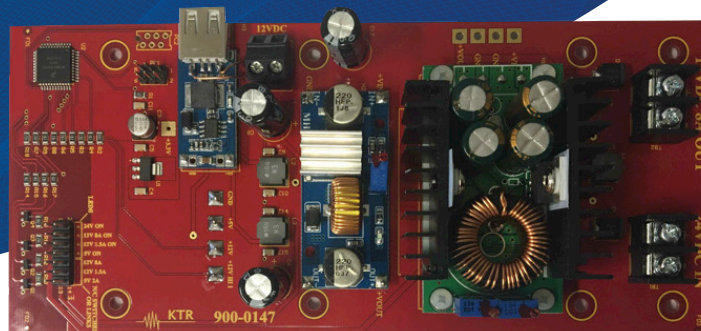
Quality

Integration



**KTR**

Quality • Innovative • Integration



## 24VDC STEP DOWN REGULATOR

The 900-0147 Step Down Power Supply is used to convert our existing 24vdc power supply to a regulated 12VDC 8 Amp, 12VDC 1.5 Amp and 5VDC 2 Amp. This is a powerful step down power supply which can be used when projects need to supply regulated power to embedded PCs, micro controllers and large amounts of peripheral devices. The step down power supply is highly efficient which can save money on operation costs. The step down power supply can provide serial output to smart devices providing advanced warning messages to alert users. The micro controller onboard monitors all voltage rails and provides LED output terminals which can be wired to illuminated pushbuttons or LED warning panels, no resistors necessary, all resistors are surface mounted to make installation easier. The LED outputs are rated at 250mA each and will flash for over voltage or under voltage and steady on for normal state. The Step Down Power Supply has large barrier terminals for the 12VDC 8 Amp, terminals for 12VDC 1.5 Amp and USB Socket Type A for the 5VDC 2 Amp.

### FEATURES:

- Reverse input power protection
- Input power barrier protection terminals
- Output power 12VDC 8 Amp barrier protection terminals
- Short circuit protection
- LED's for 24V in, 12V 5A out, 12V 1.5A internal, 5V 2A internal all with pin header connection on PCB
- LED output terminals rated at 250mA each
- Highly Efficient
- USB Socket Type A for 5VDC 2 Amp output
- Microcontroller to monitor voltages and activate LED's giving true status of supplies
- Additional provision for serial comms port and Aux. control/function port for any future expansion
- PCB dimensions are approximately 75mm x 100mm x 32mm
- Unit can fit in a 1RU vented chassis lying flat

### PART NUMBER

#### KTR PRODUCTS

900-0147      24 VDC step down power supply



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### Authorised Distributor

