


**Z367**
**◆ 24 Month Warranty**

- Isolated input to output
- Designed & built to industrial standards
- Standalone - bench top or fixed mounting, optional rack mount (2U x 19")
- Front panel controls & indication
- Conservative design for long life
- Precise voltage control
- Optional relay alarm outputs
- Optional communications port: RS232, RS485 or Ethernet, protocols available: Modbus, SNMP or ASCII code

**SPECIFICATIONS** All specifications are typical at nominal input, full load and at 20°C unless otherwise stated.

**ELECTRICAL**

<b>Input</b>	88-135VDC
<b>Fusing</b>	Input fuse
<b>Overload protection</b>	Constant current limit under overload and short circuit conditions
<b>Isolation</b>	1KV DC input - output / earth
<b>Output over voltage</b>	Output limited to 130% Vnom.
<b>Efficiency</b>	≥ 85%
<b>Inrush current</b>	Soft start circuit
<b>Output power</b>	250W
<b>Output voltage range</b>	85 - 115% of Vout
<b>Line regulation</b>	<0.2% over input range
<b>Load regulation</b>	<0.4% open circuit to 100% load
<b>Noise</b>	<1%
<b>Drift</b>	0.03% / °C
<b>Hold-up time</b>	15 - 20 ms without battery
<b>Thermal protection</b>	Yes, self resetting

**ENVIRONMENTAL**

<b>Operating temperature</b>	0 to + 50 °C ambient at full load De-rate linearly >50 °C to no load @ 70 °C
<b>Storage temperature</b>	-10 to 85 °C ambient
<b>Humidity</b>	0 - 95% relative humidity non-condensing
<b>Cooling</b>	<b>12V:</b> fan, <b>24V+:</b> convection

**STANDARDS**

<b>EMI</b>	To CISPR 22 / EN55022 class A, C-Tick
<b>Safety</b>	To IEC950 / EN60950 / AS/NZS3260

**PHYSICAL**

<b>Enclosure</b>	Powder coated steel
<b>Dimensions</b>	150W x 61H x 242D (excl. terminals)
<b>Weight</b>	1.7 Kg
<b>Indication LEDs</b>	<b>Standard:</b> Input power OK, Standby <b>With alarms:</b> Input OK, DC OK, Standby
<b>Alarm relay output (option)</b>	C - NO - NC changeover rated 1A /50V DC, 32VAC
<b>Standby Mode</b>	Turns off DC output

**ACCESSORIES SUPPLIED**

Mounting feet together with screws  
Mating screw-terminal plug for alarm outputs  
Crimp lugs or DC screw terminal plug-in connector

**MODEL TABLE**

MODELS	Output Volts (V)	Output Current (A)	Adjustable range (V)
<b>SR250A12</b>	13.8	18.1	11-14
<b>SR250A24</b>	24	10.4	22- 29
<b>SR250A30</b>	30	8.3	28-36
<b>SR250A36</b>	36	6.9	34-43
<b>SR250A48</b>	48	5.2	45-57

**OPTIONS AND CODING**

**LED indication & switch:** **-H**  
**No LEDs or switch:** **-J**  
**Alarms:** **SR250D..**  
**Output diode + alarms:** **SR250P.. (not for 12V)**  
**Communications:** **SR250L..**  
 (ethernet/SNMP, RS232/IE ASCII, RS485/Modbus)