

UTC 2412GD



Electrical Specifications

Input Voltages: 21-29 VDC (normal)
will withstand up to 36 VDC (abnormal)
Input Current: 45 Amps. Max Total
Input Circuits: 6 independent circuits
Output Voltages: 13.6 +, - 0.3 VDC

| Output Current | Wire Color Code | Current Rating (Amps) |
|----------------|-----------------|-----------------------|
| | Black | 10 |
| | Brown | 15 |
| | Red | 10 |
| | Yellow | 10 |
| | Green | 10 |
| | Blue | 10 |

Output Regulation: 0.2 Volts over entire load and input voltage range
Output Ripple: 100 mV RMS max. @ -40C (worst case)
50 mV RMS @ 0C

**Overload and Short
Circuit Protection:** Internally electronically protected
Temperature Range: -40C to +60C
Efficiency: 90% typically

Mechanical Specification

Input Connection: 12 ft. cable
Output Connection: 12 ft. cable
Size: (L x W x H) 21 x 8.5 x 3.5 (inches) / 53 x 22 x 9 (cm)
Weight: 16 lbs. approx. - 8 kg
Construction: Aluminum Housing with Steel End Caps
Mounting: 6 position base mounting flange with clearance for 1/4 in. bolts