



Corrocell Limited

480W Single Output Power Supply



- **Universal AC input / Full range selectable 115/230**

- **Digital ZVS new technology**

- **AC input active surge current limiting**

- **High efficiency up to 89%**

- **Built-in active PFC function, PF>0.95**

- **Protections: Short circuit, overload, over voltage, over temperature**

- **Cooling by free air convection**

- **EN 611-6-2 (EN50082-2) industrial immunity level**

- **3 years warranty**

The **RSP 480W** Series are part of the **POWERTRON** digital range of products, which offers the following benefits:

Unique Flexibility with POWERTRON range of Control Regulators



Due to Remco's policy of continuous improvements these specifications may be upgraded without notice.



Corrocell Limited POWERTRON

Structural Management System



Specifications:

Size 227 x 125.2 x 100mm

INPUT VOLTAGE

90-132/180-264VAC (auto-ranging), 47-63Hz

INRUSH CURRENT

Cold start, 45A/ 230V

OUTPUT VOLTAGE

12-24V

LOAD REGULATION

+/- 0.5% (0 to 100% Load)

LINE REGULATION

+/- 0.5%

OVERLOAD PROTECTION

Typ. 105-150% constant current limiting, auto-recovery

OVER VOLTAGE PROTECTION

30-36V

HOLD UP TIME

1200ms, 40ms, 23ms at full load and 230 VAC

WITHSTAND VOLTAGE

I/P-O/P : 3kVAC, I/P-FG:1.5kVAC, 1 minute

OPERATING TEMPERATURE

20-50°C @ 100%, -10°C @ 80, 60°C @ 60%

OVER TEMPERATURE PROTECTION

Latching, reset after cooling & re-power

SAFETY STANDARDS

UL508, UL60950-1, TUV EN60950-1 approved

EFFICIENCY

89%

CASE / CONNECTIONS

Anodized Aluminium / screw terminals

