

This is a range of switch-mode power supplies that feature an on-board microcontroller and a choice of communications interfaces, providing users with the ability to program the unit and carry remote interrogation of a variety of parameters. Primarily aimed at battery-backed mission-critical applications, the Oracle PSUs provides a main output for powering the load, together with a second output for charging an external standby battery. In the event of a mains failure, the battery supplies power to the load via an internal feed-forward diode.

ORACLE II-45 - 45W Battery Backed Power Supply - Ideal for cost-sensitive applications.

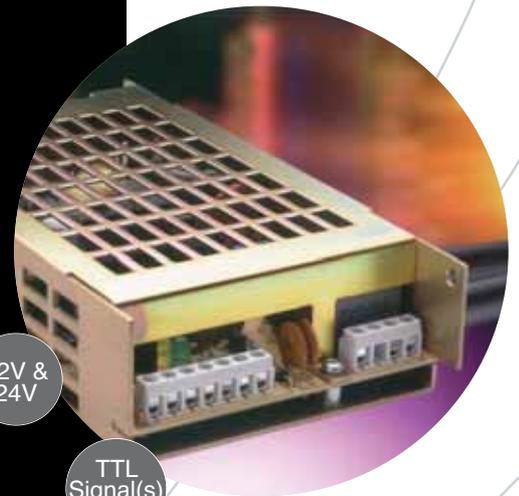
OUTPUT: one main output and one battery charge output. For maximum flexibility, the total output current can be apportioned between these two outputs to suit individual requirements.

Other standard protection circuitry safeguards both the load and the batteries from fault conditions such as reverse polarity, incorrect battery voltage and short circuit, whilst under-voltage lockout prevents damage to the battery when it is fully discharged. The PSU is equipped with 1+1 TTL outputs and two LED's for indicating Main Supply Fault, Standby Supply Fault or Charger Fault.

Dimensions: 170 x 90 x 40mm

Terminals: Standard Screw or Klippon Quick Release Connections

COMPLIANCY: EN54-4, EN60950, CE



12V &
24V

TTL
Signal(s)

ORACLE III-75 – 75W Battery Backed Power Supply - Ideal for Telemetry applications

Higher output than the 45W, the 75W Oracle III has the added benefit of two optional independently regulated auxiliary outputs. This has TTL signals which can be configured to control input or output for individual applications. This product also has the option of a serial link for volume applications.

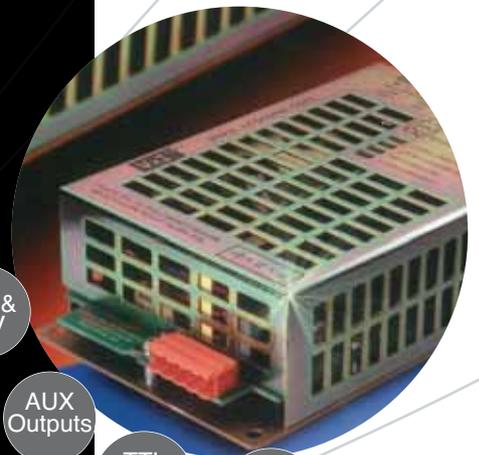
OUTPUT: one main output and one battery charge output. For maximum flexibility, the total output current can be apportioned between these two outputs to suit individual requirements.

Other built in circuitry safeguards against reverse polarity, over-voltages and short circuit overloads, whilst under-voltage lockout prevents damage to the battery when it is fully discharged. The PSU incorporates 2 volt-free relays, 2 open collector / TTL IO and 4 LED's for monitoring system status.

Dimensions: 170 x 90 x 40mm

Terminals: Standard Screw or Klippon Quick Release Connections

COMPLIANCY: EN54-4, EN60950, CE



12V &
24V

AUX
Outputs

TTL
Signal(s)

VFR
Signal(s)



ORACLE III-130 - 130W Battery Backed Power Supply - Battery backup for mission critical applications.

Link selectable input voltages of between 90-132V and 180-264V. One main output, one temperature compensated battery charger output and two auxiliary outputs.

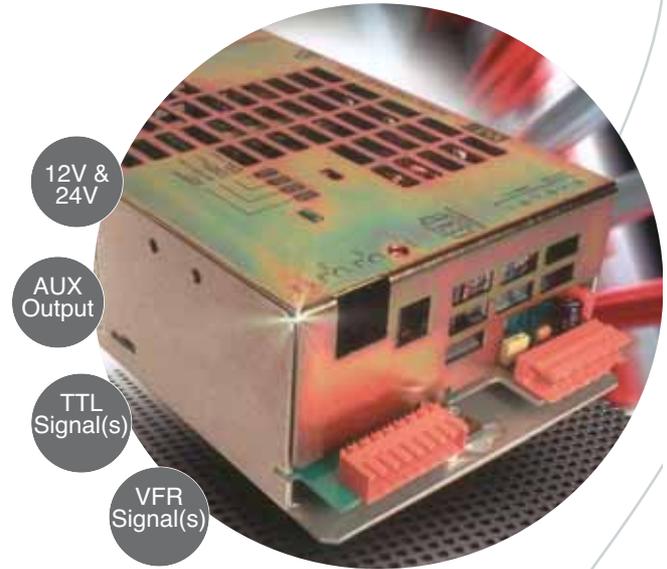
Delivering 130W at the maximum permissible ambient temperature of 55°C. Temperature compensation for the battery charger circuit extends to -25°C.

The PSU incorporates one auxiliary output position, 2 volt-free relays and 4 LED's for monitoring system status, and has an optional battery test facility.

Dimensions: 174 x 103 x 53mm

Terminals: Standard Screw or Klippon Quick Release Connections

COMPLIANCY: EN60950, CE



ORACLE III-200 - 200W Battery Backed Power Supply - Has multiple outputs for greater flexibility.

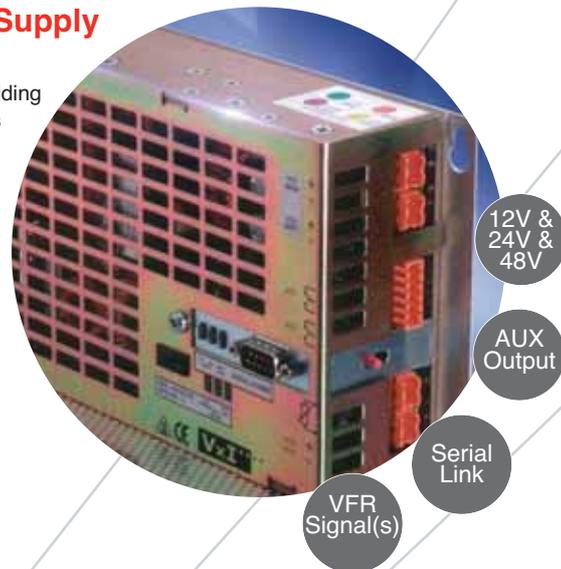
Switch mode power supply (85-264V AC) with fan cooling as standard providing one main output, one charger output and up to seven 35W auxiliary outputs (Oracle III-200-9).

Delivering 200W at the maximum permissible ambient temperature of 70°C with a peak output of 300W. Temperature compensation for the battery charger circuit extends to -20°C with a special version available with a lower limit of -40°C for extreme applications.

Capable of charging 'Cyclon' cells over the full temperature range, this unit can be configured for either 2 or 3-stage charging to reduce battery charging times in cyclic applications. The PSU incorporates volt free relays and LED's, RS232/485, and a port supporting the MODBUS protocol.

Dimensions: 201 x 123 x 53mm

COMPLIANCY: EN60950, CE



ORACLE III-560W & 2400W Battery backed Power Supply - Setting the standard for mission critical high power output.

This Universal input, Power factor corrected cascadable unit houses up to 5 individually configurable 600W Power supplies. Maximum capability on the main output is 65A at 28V with up to 45A available on the charger output. Modular design gives N+1 redundancy allowing on-line replacement of individual power supplies (Hot swap). The system management card is also removable for minimum downtime.

Each individual cascadable power supply can be tailored to the application by the user - using a PC and Microsoft Excel. Alternatively, the options can be factory set. The same interface can be used to monitor the equipment providing valuable information on service and battery conditions via the RS232/485 interface.

Dimensions: 518 x 467 x 417mm

Weight (empty chassis) 21Kg

Weight fully loaded 46Kg

COMPLIANCY: EN60950, CE

