

## 660 Watt Power Module



- 12V, 24V and 48V output options available
- Optional DD695 for battery disconnect
- Temperature compensation with external sensor

- The DD696 series of switch mode DC power supplies are highly reliable in hostile environments, such as Road side cabinets
- Just in conjunction with a battery, a remote sensor and a DD695 battery low disconnect module to provide a fully backed standby power supply.
- Active current share connection to allow two units to be run in parallel and support a larger load or to provide hot standby operation
- Network Rail PADS Approved

### INPUT

Voltage : 230VAC (186-265) Single Phase  
 Current : 5A maximum  
 Frequency : 50 or 60Hz ±5%

### OUTPUT

12V : 12-15V, 25A, 345 Watt  
 24V : 24-30V, 20A, 550 Watt  
 48V : 48-60V, 12A, 660 Watt

Regulation : 0.5% (load and input charge)  
 Ripple : <2mV Psophometric  
 Efficiency : > 90% at full load

### PROTECTION

Input : 5A anti surge – internal  
 Output : 12V and 24V, 30A – internal  
           : 48V, 15A - internal

### INDICATORS AND ALARMS

Alarms : High, Low and module Fail  
 Contacts : Volt-free common change over alarm or separate, normally-open with common wiper  
 Indicators : Front panel LEDs

### ENVIRONMENTAL

Cooling : Natural Convection  
 Temperature : -10°C to +60°C operational  
                   : Functional above +60°C (with auto-reset)  
                   : Shutdown at +85°C internal

Relative Humidity: 85% up to 30°C

Safety : Compliance with low voltage directive **CE**  
 EMC : Compliance with EMC directive **CE**

### MECHANICAL

Size : 19" rack mounting  
       : 2U high x 185mm deep, (220mm with DD695)  
 Weight : 4kg  
 Level of Protection : IP20  
  
 Connections : Mains input – lead with IEC plug (supplied)  
                   : DC output – H15 free socket (supplied)