

Up to 1760 Watt Modular Sub-rack solution



- The DD760 series offers hot swap module replacement
- Active current share
- PFC input – Sinusoidal current
- High reliability
- Temperature compensation
- Standard or bespoke sub-racks and distribution solutions
- High power dual sub-rack solutions
- Fail safe battery testing with DD761
- Communications by integration with DSM2

INPUT

AC Voltage : 230VAC (186-264) Single Phase
 Current : 3.5A maximum, sinusoidal
 Frequency : 50 or 60Hz ±5%

OUTPUT

24V : 24-30V, 12A, 330 Watt
 28V : 28-35V, 12A, 385 Watt
 48V : 48-60V, 10A, 440 Watt

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

PROTECTION

Input : 4A internal

ALARMS

Rectifier fail : Red LED and volt free contact

ENVIRONMENTAL

Cooling : Natural Convection
 Temperature : -10°C to +60°C operational
 Extended operation above +60°C by thermal power limiting
 Relative Humidity: 85% up to 30°C
 Safety : Low Voltage Directive **CE**
 EMC : EMC Directive **CE**

MECHANICAL

Size : 3U high, 14E wide, 265mm deep (220mm PCB)
 Weight : 1kg
 Level of Protection : to IP20
 Connector : DIN 41612 – H15

Typical DD760 Sub-rack system – 48V 1760W



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Additional options

DD761A

Auto-Discharge monitor

: Can be set to discharge test a battery, every 60 days and during mains failure.

: Includes a low voltage disconnect relay that removes the load from the battery at 1.75V/Cell preventing battery damage

ALARMS

High & low voltage and battery fail LED's and volt free contacts



DD617

16 way 1U Distribution Rail

: 16 fused outputs

: mains and aux battery connections

SEE ASLO DD820

The DD760 Sub rack is an integral part of a full N+1 Power supply