

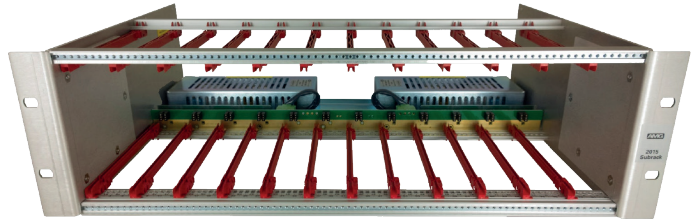
AMG2015-DR

3U 12 SLOT 19-INCH RACK CHASSIS WITH DUAL REDUNDANT PSU



Industrial 19inch Racks

The AMG2015-DR is a 3U rack chassis for standard 19 inch racks. The rack allows for mounting up to 12x AMG 7HP (1 slot) wide units or any other combination of 14HP (2 slots) or 21HP (3 slots) wide units. Dual redundant PSU's are included with up to 80W of power available.



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| | | |
| Mounting Rack | Temp -40°C--+75°C | PSU x2 Dual |

[AMG2015-DR]

/ OVERVIEW

The AMG2015-DR rack chassis supports all AMG rack mount models including the AMG250R & AMG350R Industrial Media Converter range as well as models from the AMG3/4/5000R series of analogue video & data transmission.

Each rack supports up to 12 single slot 7HP wide units or any combination of larger width models and occupies only 3U of rack space within the equipment cabinet offering a simple and elegant rack mount solution for space restricted installations.

The rack includes a dual redundant integrated mains power supplies and supports hot-swappable replacement of both the AMG units and power supplies for mission critical applications.

The dual integrated power supplies supports a wide 90-264V_{AC} input range and provide 15V_{DC} @ 80W to power the installed AMG units.

/ FEATURES

- Up to 12 slots for AMG 7HP, 14HP & 21HP Ethernet and analogue transmission products
- 19inch standard rack-mount size 3U high
- Hot-swappable replacement of AMG units and power supplies
- Dual 90-264VAC mains power inputs
- LED indication for power supply operation to aid installation and system fault diagnosis
- Compatible with any AMG250R or AMG350R model or any models from the AMG3/4/5000R series
- Fault relay for notification of power supply failure
- Manufactured in the United Kingdom
- AMG Lifetime Support Warranty

Specifications.

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|-----------------------|---|--------------------|---|
| Interface. | | Mechanical. | |
| LED Indicators | 2x Power 2x System Status | Housing | Aluminium |
| Capacity | 12 Slots | Dimensions | (W x D x H) <small>Excluding 19inch Brackets</small> 437 × 300 × 132 mm |
| Power Input | 2x IEC C14 Socket | Installation | 17.20 × 11.81 × 5.20 in |
| Power Output | 12x AMG Card Connectors | Weight | 19inch Rack (3U) 3.60kg / 7.94lb |
| Fault Relay | 2x 2 pin removable terminal blocks | | |
| Power. | | Packaging. | |
| Power Inputs | 2 | Shipping Weight | 4.50kg / 9.92lb |
| Operating Voltage | 90-264V _{AC} , 50~60Hz | Dimensions | (W x D x H) 600 × 430 × 260 mm 23.62 × 16.93 × 10.24 in |
| Input Current | 1.5A (115V _{AC}) / 0.9A (230V _{AC}) | | |
| Efficiency | >90% | Regulatory. | |
| Output | 12x 15V _{DC} , 80W Max | Safety | IEC/EN 62368-1 UL 62368-1 |
| Fault Relay | Form A 125V @ 0.15A Max | EMI | EN55011/32 Level A Radiated EN55011/32 Level B Conducted |
| Environmental. | | EMS | EN61000-3-2, Class A EN61000-3-3 EN61000-4-2 (ESD) EN61000-4-3 (RS) EN61000-4-4 (EFT) EN61000-4-5 (Surge) EN61000-4-6 (CS) EN61000-4-11 (Dips) |
| Operating Temp. | -40°C to +75°C | Environmental | Reach, RoHS, WEEE |
| Storage Temp. | -40°C to +85°C | | |
| Humidity | 5% to 95% (non-condensing) | | |
| MTBF | 834,000 hours | | |
| MTBF Standard | MIL-HDBK-217F GB25 | | |
| Heat Dissipation | 273 BTU/h (excluding individual units) | | |
| Cooling | Passive Cooling | | |
| Noise Level | 0 dBA | | |

Part Numbers.


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|------------|---|
| AMG2015-DR | 12 slot rack chassis 19inch 3U high with dual redundant PSU's |
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Recommended PSUs.

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| AMG2015PS | Additional / Spare PSU For AMG2015 Racks, 15VDC, 80W |
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Notes.

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| Included Accessories | 2 x Region specific line cords (UK / EU / US plug type, depending on region) |
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Manufacturer 

In a continuing effort to improve and advance technology, product specifications are subject to change without notice. Please visit www.amgsystems.com for the latest product specifications.