

AMG2015-DR

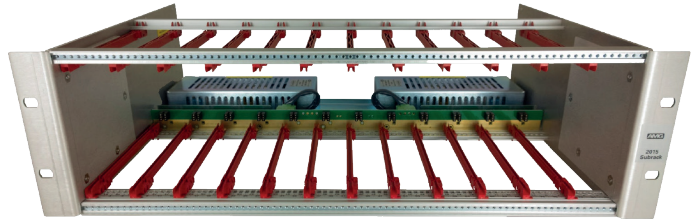
3U 12 SLOT 19-INCH RACK CHASSIS WITH DUAL REDUNDANT PSU



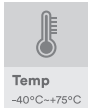
Industrial 19inch Racks

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.



Mounting
Rack



Temp
-40°C--+75°C



PSU
x2 Dual



NDAA/TAA
Compliant

[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.

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%		
Output	12x 15V _{DC} , 80W Max		
Fault Relay	Form A 125V @ 0.15A Max		
Environmental.		Regulatory.	
Operating Temp.	-40 to +75°C / -40 to +167°F	Safety	IEC/EN 62368-1 UL 62368-1
Storage Temp.	-40 to +85°C / -40 to +185°F	EMI	EN55011/32 Level A Radiated EN55011/32 Level B Conducted
Humidity	5% to 95% (non-condensing)	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)
MTBF	834,000 hours	Environmental Supply Chain	Reach, RoHS, WEEE NDAA & TAA Compliant
MTBF Standard	MIL-HDBK-217F GB25		
Heat Dissipation	273 BTU/h (excluding individual units)		
Cooling	Passive Cooling		
Noise Level	0 dBA		

Part Numbers.

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

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

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