

AMG2015

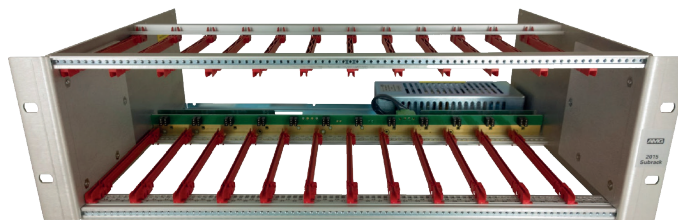
3U 12 SLOT 19-INCH RACK CHASSIS WITH SINGLE PSU



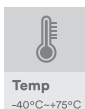
Industrial 19inch Racks

The AMG2015 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. A single PSU is included with up to 80W of power available.



Mounting
Rack



Temp
-40°C--+75°C



PSU
Mains



NDAA/TAA
Compliant

[AMG2015]

/ OVERVIEW

The AMG2015 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 single integrated mains power supply and supports hot-swappable replacement of the AMG units. A second power supply can also be installed to create dual redundant power supply operation (for dual redundant use an additional AMG2015PS PSU must be purchased separately or the rack can be ordered as an AMG2015-DR model with dual PSU included).

The integrated power supply supports a wide 90-264V_{AC} input range and provides 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
- Single 90-264VAC mains power input
- 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	1x Power 1x System Status	Housing Dimensions	Aluminium (W x D x H) <small>Excluding 19inch Brackets</small> 437 × 300 × 132 mm 17.20 × 11.81 × 5.20 in
Capacity	12 Slots	Installation Weight	19inch Rack (3U) 2.95kg / 6.50lb
Power Input	1x IEC C14 Socket		
Power Output	12x AMG Card Connectors		
Fault Relay	1x 2 pin removable terminal block		
Power.		Packaging.	
Power Inputs	1	Shipping Weight Dimensions	3.85kg / 8.49lb (W x D x H) 600 × 430 × 260 mm 23.62 × 16.93 × 10.24 in
Operating Voltage	90-264V _{AC} , 50~60Hz		
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	12 slot rack chassis 19inch 3U high with single PSU
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Recommended PSUs.

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

Included Accessories	1 x Region specific line cord (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.