



204-040-100-012

VM600 ABE040 Standard System Rack

Product scope

- Uses a rugged 19-inch aluminium chassis with a standard 6U height.
- Accepts up to fifteen single-width modules or a combination of wider cards.
- Distributes VME, tachometer, raw-signal, open-collector and power buses across the backplane.

Manufacturer source

Vibro-Meter VM600Mk2 / VM600 ABE040 and ABE042 system racks data sheet.

This web-optimized copy contains only verified information relevant to the stated ordering code.

Request a fast quote	Product reference	
Email: info@apterpower.com Phone: +86 18106909650 apter.com/inquiry.php	204-040-100-012	

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204-040-100-012 verified configuration

VM600 ABE040 Standard System Rack

Exact product identity

Vibro-Meter 204-040-100-012 is the standard 19-inch ABE040 system rack that houses VM600 protection, condition-monitoring and controller cards.

Product classification

Manufacturer: Vibro-Meter

Product family: VM600 ABE040 and ABE042 System Racks

Product type: 19-Inch Machinery Monitoring System Rack

Installation attention

204-040-100-012: The exact 012 ordering code is the standard rack entry and must not be replaced by the CSA configuration without a compliance review. Check rack alignment and rear-panel clearance before inserting any front card.

204-040-100-012 technical specifications

Verified product data · section 1 of 2

Parameter	Verified value
Ordering number	204-040-100-012
Configuration	Standard version
System family	VM600 ABE040
Rack format	19-inch
Rack height	6U
Construction	Robust aluminium
Mounting	Cabinet or panel
Module capacity	Up to 15 single-width cards or card pairs
Front processing positions	12 positions, slots 03 to 14
Controller positions	Slots 00 and 01
Reserved front position	Slot 02
Rear positions	Up to 19, slots 00 to 18

204-040-100-012 technical specifications

Verified product data · section 2 of 2

Parameter	Verified value
Power-supply positions	Up to 4 rear slots, positions 17 to 20
Card-position coding	Positions 03 to 14
Backplane bus	VME
System buses	Tacho, Raw and Open Collector
Power distribution	Backplane distribution
Power supply	VM600 RPS6U, AC and/or DC versions
Power check	Power-supply check relay
Primary use	Machinery protection and condition monitoring
Platform	VM600Mk2 / VM600
Installation class	Permanently installed industrial rack

204-040-100-012 application and integration guide

VM600 ABE040 and ABE042 System Racks

Applications

- Builds centralized machinery-protection systems for turbines, generators and large compressor trains.
- Houses condition-monitoring and communications card pairs in standard industrial cabinets.
- Provides shared power and signal buses for integrated VM600 plant monitoring architectures.

Model-specific integration points

Rack Architecture

- The aluminium chassis uses a 19-inch, 6U mechanical format for permanent cabinet installation.
- Front slots support processing cards while rear positions accept associated input/output interfaces.
- Mounting brackets and card guides establish the alignment needed for reliable backplane engagement.

Backplane Buses

- The backplane carries the VME communication bus used by protection and controller cards.
- Dedicated Tacho, Raw and Open Collector buses distribute VM600 system signals.
- Backplane conductors also distribute regulated power from the installed RPS6U supplies.

Cooling & Installation

- Cabinet airflow must remain clear around the 6U rack and its high-density card set.
- Panel structure should support the aluminium chassis without twisting the card guides.
- Leave access for rear I/O cards, input panels and earth connections during maintenance.

204-040-100-012 manufacturer source record

Vibro-Meter VM600Mk2 / VM600 ABE040 and ABE042 system racks data sheet.

Source used for verification

Vibro-Meter VM600Mk2 / VM600 ABE040 and ABE042 system racks data sheet.

Manufacturer document location

https://catalogue.meggittsensing.com/wp-content/uploads/2020/09/DS_ABE04x-en.pdf

Editorial scope

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