



200-582-500-122

VM600Mk2 RPS6U AC Rack Power Supply

Product scope

- Supplies up to 330 W across +5 VDC and ± 12 VDC rack rails.
- Accepts 115/230 VAC or 220 VDC according to the selected input version.
- Maintains low ripple with specified line and load regulation.

Manufacturer source

Vibro-Meter VM600Mk2 / VM600 RPS6U rack power supply data sheet, document DS 268-011.

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	200-582-500-122	

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200-582-500-122 verified configuration

VM600Mk2 RPS6U AC Rack Power Supply

Exact product identity

Vibro-Meter 200-582-500-122 is a later VM600Mk2 RPS6U AC-input supply with a common IN front indication and 330 W of regulated rack power.

Product classification

Manufacturer: Vibro-Meter

Product family: VM600 RPS6U Rack Power Supplies

Product type: Rack Power Supply

Installation attention

200-582-500-122: The 02-series front panel differs from earlier RPS6U versions; verify rack generation, rear panel and input labelling before replacement.

200-582-500-122 technical specifications

Verified product data · section 1 of 2

Parameter	Verified value
Ordering number	200-582-500-122
Nominal input	115/230 VAC or 220 VDC
Input range	90–132 VAC, 180–264 VAC, or 178–264 VDC
Input current	6.4 A max at 115 VAC; 4 A max at 230 VAC
Efficiency	84% typical
Product family	VM600 RPS6U
Module type	6U rack power supply
Maximum output power	330 W
Nominal output 1	+5 VDC up to 50 A
Nominal output 2	+12 VDC up to 8 A
Nominal output 3	-12 VDC up to 4 A
Ripple and noise	<50 mV peak-to-peak, 20 MHz bandwidth

200-582-500-122 technical specifications

Verified product data · section 2 of 2

Parameter	Verified value
Line regulation	<±1% for all outputs
Load regulation, +5 V	<±1%
Load regulation, ±12 V	<±2%
Inrush current	<10 times nominal input current
System use	VM600 machinery protection rack
Mounting	Dedicated VM600 rack power-supply slots
Front status	Input and output status indicators
Redundant operation	Supported with two supplies and correct rear panel

200-582-500-122 application and integration guide

VM600 RPS6U Rack Power Supplies

Applications

- Powers a VM600 rack containing machinery-protection, communications and relay cards.
- Supports single-supply installations or approved redundant rack arrangements.
- Provides regulated low-voltage rails for centralized turbine and rotating-equipment monitoring.

Model-specific integration points

Power Conversion

- Autoranging AC circuitry covers both low-line and high-line mains windows.
- Three regulated outputs support VM600Mk2 or VM600 rack electronics up to the combined power limit.
- The later front design uses a common IN label for AC- and DC-input supply versions.

Diagnostics

- Front indicators show external input availability and regulated output status.
- Power-supply check circuitry can be incorporated into the ABE04x rack supervision scheme.
- Unusual rail voltage or repeated input loss should be investigated before returning the rack to service.

Certifications & Standards

- Use the manufacturer-approved rack and rear input panel for the selected mains architecture.
- Input protection and earth bonding must follow the VM600 hardware and site electrical requirements.
- The complete system approval depends on the rack, supply, rear panel and installed monitoring cards.

200-582-500-122 manufacturer source record

Vibro-Meter VM600Mk2 / VM600 RPS6U rack power supply data sheet, document DS 268-011.

Source used for verification

Vibro-Meter VM600Mk2 / VM600 RPS6U rack power supply data sheet, document DS 268-011.

Manufacturer document location

https://catalogue.meggittsensing.com/wp-content/uploads/2021/11/DS_VM600_Mk2_VM600_RPS6U-en.pdf

Editorial scope

Technical values are preserved from the cited manufacturer material and limited to the product or documented family configuration.

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