

## Features

- Up to 11 slots
- Efficient, state-of-the-art switched-mode power supply
- Built-in dual fan
- Reversible mounting brackets
- Programmable contact closures
- Dual redundant power supply (MC 10 version)
- Management (SNM™) interface
- Field-hardened



## MC10, MC11 19" power supply cabinet

### Description

MC 11 power supply cabinets can house and power 11 Siquira single-width rack-mount modules. The heart of the MC 11 is a powerful, efficient power supply unit, based on the latest switched-mode techniques, which can supply up to 105 watts.

The built-in fans of the MC 11 provide sufficient cooling for full-load operation over a wide temperature range. Additionally, they make it possible to stack cabinets on top of each other and use every inch of available rack space efficiently. All connections are concentrated on one side. Reversible mounting brackets give you the choice to have all connections at the front or at the back.

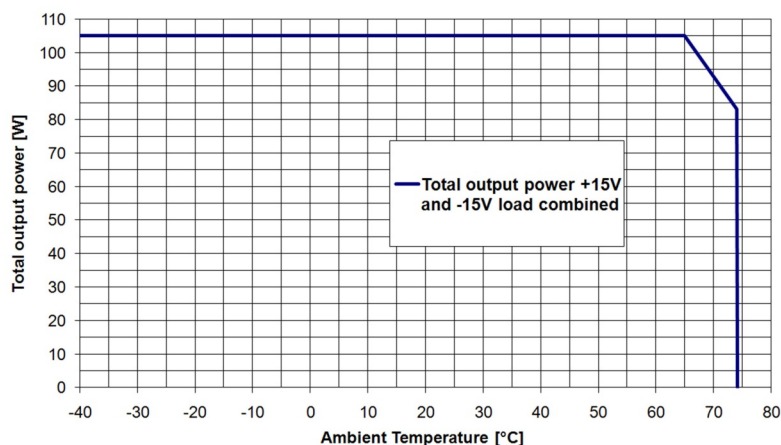
The MC 11 DC version is fitted with two DC inputs and two identical DC/DC conversion circuits to provide the highest availability possible. A power failure on or off the inputs is indicated with an LED and a galvanic isolated contact.

The EB-2 option offers network management and is compatible with Siquira's Smart Network Manager (SNM™). It provides status information and control over system modules, including the power supply cabinet itself. The EB-2 option also offers two programmable alarm contacts. There are MC 11 models for 230 Vac, 115 Vac, as well as options available for DC power systems.

# Technical Specifications

## MC10, MC11

MC10-11AC Power supply - Output Power Derating



### Layout

Number of slots	
MC 11 (DC)	11 slots
MC 10	10 slots
Type of slot	7 TE Eurocassette

### Management

LED status indicators	
DC	Power-on indicator (green)
EB	Data activity (SNM™) on external bus (green)
Network management	SNM™ compatible
SNM™ variables	Voltages, modules, module temperature, module status, optical levels, etc.
Number of SNM interfaces	2x 9-pin sub-D per cabinet
Interface format	RS-485
Data rate	19.2 kb/s
Programmable contacts	2 per cabinet
Switch rating	2 A at 30 Vdc

### Environmental

Operating temperature	-40 °C to +65 °C (-40 °F to +149 °F) (See power derating graph above)
Storage temperature	-55 °C to +85 °C (-67 °F to +185 °F)
Relative humidity	<95% with no condensation
MTBF (mean time between failures)	>100,000 hours
Safety and EMC	IEC/EN 60950-1, IEC/EN 60825, IEC/EN 61000, EN 50130-4, EN 50081-1, EN 55022, FCC part 15, UL

# Technical Specifications

## MC10, MC11

### Mechanical

MC 10, MC 11 Series

Dimensions (h x w x d)	132 x 483 x 240 mm (5.2 x 19 x 9.4 in), without cabling 132 x 483 x 350 mm (5.2 x 19 x 13.8 in), with cabling
Weight	4.5 kg (9.9 lbs)

### Powering

	MC 10/11AC-230	MC 10/11AC-115	MC 11DC
Mains voltage	230 Vac	115 Vac	24 Vdc nominal
Operation voltage	195 - 264 Vac	102 - 132 Vac	15 - 30 Vdc
Frequency	40 - 100 Hz	40 - 100 Hz	-
Maximum drop-out time	10 ms	10 ms	-
Primary fuse	1.6 A / 250 V slow	3.15 A / 250 V slow	-
Power efficiency (full load)	~83%	>83%	>95%
DC Output power	83 W (at 74 °C ambient), 105 W (at 65 °C ambient)	83W (at 74 °C ambient) 105W (at 65 °C ambient)	83 W maximum (at 74 °C ambient) 110 W (at 65 °C ambient)
DC Input current	-	-	5 A at 24Vdc or 8 A at 15 Vdc

### Ordering Information

Models*	Description
MC 11 AC-230	Power supply cabinet, 19"/3RU
MC 11 AC-115	Power supply cabinet, 19"/3RU
MC 11 AC-230 /EB-2	Power supply cabinet with SNM™ management interface, 19"/3RU
MC 11 AC-115 /EB-2	Power supply cabinet with SNM™ management interface, 19"/3RU
MC 10 AC-230 /EB-2	Dual power supply cabinet with SNM™ management, 19"/3RU
MC 10 AC-115 /EB-2	Dual power supply cabinet with SNM™ management, 19"/3RU
MC 11 DC-24V	Redundant DC power supply cabinet, 19"/3RU

\* UL rated for MC 10 units only.



The quality management system used in the development, production, sales, and support of this product is ISO 9001:2008 certified by LRQA.

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