



MCM 30

ELECTROSTATIC CHARGING GENERATOR

The MCM 30 is a powerful switch-mode charging generator that supplies high voltage for charging bars and various charging applicators, which are used to temporarily bond materials. The MCM 30 packs a punch in a small size and provides simple and economical solutions for a wide range of production processes.

- Ultra compact and lightweight
- Input powered 24 VDC
- Maximum output 30 kV@1mA
- User selectable voltage or current mode
- Designed for rugged industrial use
- Available in positive and negative polarities

Industrial Static Control

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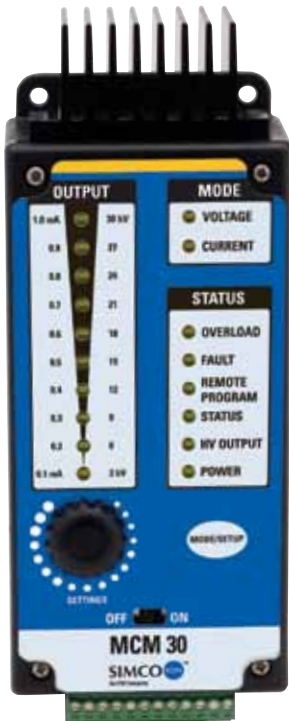


Specifications

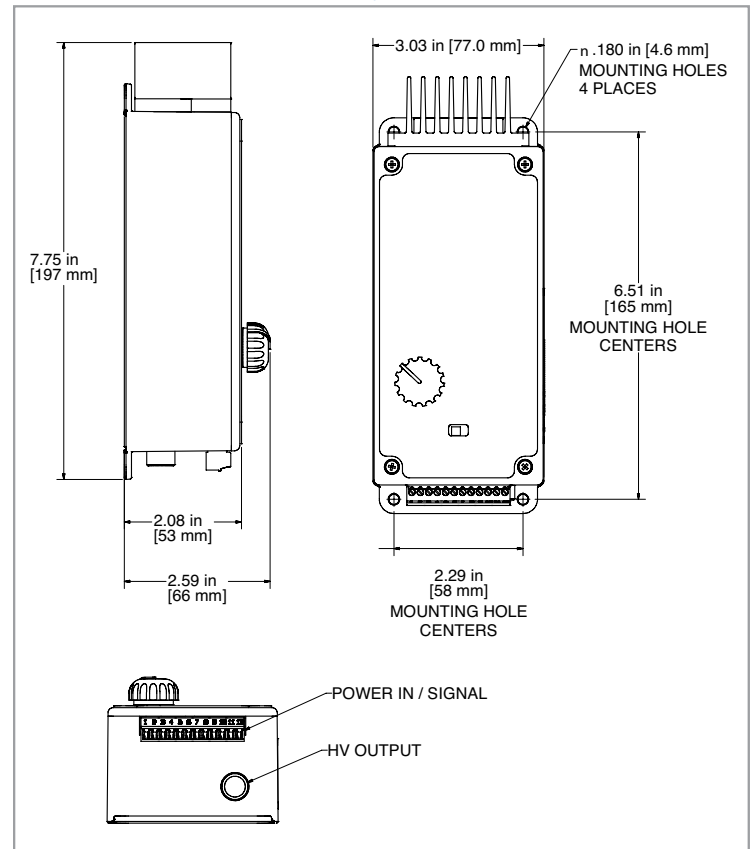
Input power	24 VDC, 3 A, 75W Max
Output Voltage range	3 to 30 kVDC
Output Current range	0.1mA to 1mA (single output)
Operating Temperature	32°F (0°C) to 104°F (40°C)
Interface Connections	(12) position Terminal block and multi-purpose interface connector
Enclosure	ABS Plastic (UL94V-0), color: black
Overall Dimensions	7.75" L x 3.00" W x 2.62" D (197mm L x 76mm W x 67mm D)
Weight	1.7 lb (.77 kg)
Mounting	Integrated mounting brackets

Part Numbers

Description	Negative	Positive
MCM 30 - No AC adapter	4015426	4015427
MCM 30 - 100/120V AC Japan /N. America	4015435	4015438
MCM 30 - 230V AC Continental Europe	4015436	4015439
MCM 30 - 230V AC UK	4015437	4015440



MCM 30 Dimension Drawing



The front panel of the charging generator features an LED array to provide a continuous indication of the unit's operating condition and level of the adjustable output.

The compact size & 24V input allows for the generator to be located near applicators and charging bars which minimizes need for long high voltage cables.

The MCM 30 is well suited for in-tool machinery environments where operating clearances are greatly limited. Weighing less than 2 lbs with a shock resistant design, the MCM 30 can be mounted directly to a gantry or robot arm in automated stack pinning processes.

SIMCO IONTM
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