

Chargemaster CM20 – DC High Voltage Power Supply

The Chargemaster CM supplies the high voltage for charging bars and various charging applicators, which are used to temporarily bond materials. The Chargemaster CM provides a simple and economical solution for a wide range of production processes.

The Chargemaster CM20 is a switch-mode, power supply. The unit's output current is electronically restricted and protected against arcing. The output voltage can be set between 0 and the unit's maximum voltage (20 kV). The power supply incorporates functions for remote on/off and remote voltage adjustment.

Available Configurations

Standard (or stacked units)

CM20-N – Part #4010608 (120 VAC, 50/60 Hz)
 CM20-P – Part #4010609 (120 VAC, 50/60 Hz)
 CM20-N – Part #4010619 (230 VAC, 50/60 Hz)
 CM20-P – Part #4010620 (230 VAC, 50/60 Hz)

Wall Mounted

CM20-N – Part #4011271 (120 VAC, 50/60 Hz)
 CM20-P – Part #4011272 (120 VAC, 50/60 Hz)
 CM20-N – Part #4011273 (230 VAC, 50/60 Hz)
 CM20-P – Part #4011274 (230 VAC, 50/60 Hz)

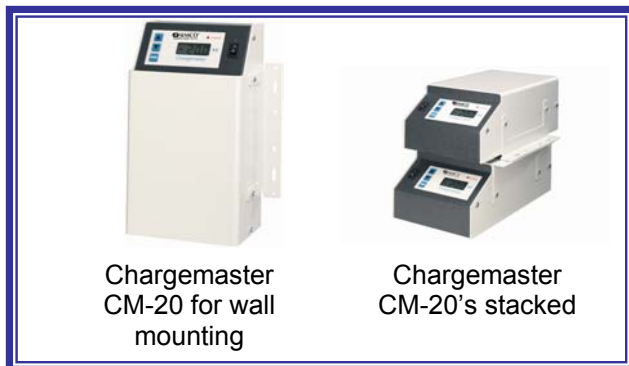


Features

- ◆ Front panel factory selectable for horizontal surface or wall mounting (turned 180° for wall mounting)
- ◆ Membrane switches on a flat panel display
- ◆ Mounting brackets for bottom or top mounting
- ◆ No internal fan needed for cooling
- ◆ Short circuit protected output
- ◆ Stable, electronically controlled output voltage
- ◆ Remote control options
- ◆ Large digital readout with backlight
- ◆ Run option for easy manual test

Optional Remote Control Features (wireless)

- ◆ Remote on/off
- ◆ Remote output control
- ◆ Easy to configure via D/Sub connector



Chargemaster
CM-20 for wall
mounting

Chargemaster
CM-20's stacked

Chargemaster CM20 Front Panel Display



Electrical Specifications

	CM20
Output Voltage, NEG	0 - 20 kVDC
Output Current, Max.	0 - .7 mADC
Output Power, Max.	14W
Output Ports	4
Input Voltage	90-130 VAC, 50/60 Hz. or 180-260 VAC, 50/60 Hz.
Input Power	48 W
Output Voltage Rise Time (remote only)	<60 msec
Remote Output Adjust	Analog 0-10 VAC, D/sub connector
Remote On/Off	Contact closure, D/sub connector, 12 VDC internal supply
Enclosure	Steel
Dimensions	6" W x 4.25" H x 11.25" D
Weight	11.5 lbs
Ambient Operating Temperature	32°F to 104°F (0°C to 40°C)
Certification	CE