



TO ORDER CONSTANT VOLT CHARGERS, PARTS,
CONSULTATION OR CUSTOMER SUPPORT CALL:

1.800.463.5314

OR EMAIL:

WWW.QUALITYMARINECHARGERS.COM

It Pays to Buy Quality!

VMI Constant Volt Models

Voltage	Amps	Model #	Banks	Case Size	Weight (lbs)
12	20	12202	3	2	37
	30	12302	3	2	37
	50	12502	3	2	39
	75	12753	3	3	92
	100	121003	3	3	101
24	15	24152	3	2	37
	30	24302	3	2	52
	50	24503	3	3	85
	75	24753	3	3	115
	100	241003	3	3	135
32	20	32202	3	2	46
	30	32302	3	2	53
	50	32503	3	3	104
48	10	48102	3	2	42
	40	48403	3	3	115

Custom Constant Volt chargers built to users specifications of amperage and voltage, as requested.

Case Dimensions:

Case Size	Height (in)	Width (in)	Depth (in)
2	10	10	10
3	18	16	10

VMI Constant Volt Options

Name	Part #	Option/Upgrade
Remote Failure Alarm	RFA-Option	Form C Relays. Signals DC output and/or AC input failure.
VMI Control Board	300-2600-00	Unconfigured universal smart charge control printed circuit board, compatible with any VMI or upgraded older McCarron and Ratelco chargers.
Factory Configured VMI Control Board	300-2600-FC	Same as VMI control board but factory configured for voltage and amperage output. Specify voltage and amperage output when ordered.
Ratelco Retrofit Kit	300-2600-KT	Upgrade Ratelco VM chargers to Smart Chargers. Features are equalize/float voltage adjustment, equalize time control, soft start, cross talk elimination, and $\pm 1/2$ of 1% voltage regulation. Kit includes instructions, lighted equalize/float toggle switch, 300-2600-FC control printed circuit board, and decal.
Remote Kit		Ammeter and equalize/float toggle switch with equalize indicator light. Panel not included.

Standard VMI Constant Volt Battery Charger Features

- ◆ Precise Constant Volt regulation: $\pm 1/2$ of 1%, no load to full load.
- ◆ Surge damped, 50% load change response time <1 seconds
- ◆ Equalize or Float upon power up, user selectable.
- ◆ Mode indicating illuminated push button allows toggling between Float and Equalize.
- ◆ 3 outputs, diode isolated. Will maintain 3 similar individual banks.
- ◆ Reverse polarity protected.
- ◆ Constructed to 30+ year life expectancy.
- ◆ Ignition protected: AC and DC reset breakers (48v DC out fused)
- ◆ Certified to meet applicable UL, CSA, standards for ABYC, DNV, ABS, and USCG installation requirements.
- ◆ 100% continuous output, at voltage, at 50 deg C, convection cooled, current limited.
- ◆ Soft start power up; protects connected loads from surges.
- ◆ Float and Equalize/recharge voltage settings independently adjustable for any battery type.
- ◆ Time Control; for equalize/recharge cycle, 0-140 hrs, user selectable.
- ◆ Isolation transformer: Input: 50/60 Hz, 120, 208, 220, 240 VAC, single phase.
- ◆ Remote monitoring connection points for EQ/FL toggle, ammeter, and optional failure alarm.
- ◆ Drip proof enclosure.
- ◆ "No Flange" EZ mount installation kit.

Every Boat Needs A Constant Volt!