

PowerCombi Inverter/Charger



Simple. Independent. Flexible.

Introducing the new PowerCombi Inverter / Charger from Mastervolt. PowerCombi is a pure sinewave inverter / charger offering grid quality AC power and battery charging in one low profile design. Designed to be an independent inverter / charger, yet can easily be integrated into NMEA 2K or MasterBus networks (with additional interface). With a built in transfer switch, 2X surge for 3s and on site dipswitch programming—the PowerCombi offers simple installation with multiple operating modes, and can charge various battery chemistries—including a custom profile for use with Li-ion. Full certifications make it perfect for use in RV's, boats, and specialty vehicles. Add a battery temperature sensor (BTS), remote display and a communication interface for custom applications.

1.800.554.8866

www.wesgarde.com

PowerCombi Inverter/Charger



Specifications

Model	12-1200/50	12-2000-100
Part #	36211200	36212000
Continuous Power Rating 77°F (25°C)	1200W	2000W
Continuous Power Rating 104°F (40°C)	1200W	2000W
Surge	2400W (2s)	4000W (3s)
AC Voltage/Frequency	120V-50/60Hz selectable HF - Pure	120V-50/60Hz selectable HF - Pure
Idle Power Full	25W	36W
Inverter Efficiency	89%	89%
DC Input Voltage Range	10.5-16.5V DC	10.5-16.5V DC
Nominal DC Voltage	12V	12V
Flat battery support (minimum charging)	NO (6V)	NO (6V)
Continuous Battery Charge Output	50A DC	100A DC
Battery Types	Gel, flooded, AGM, custom	Gel, flooded, AGM, custom
Temp Range	4°F to 140°F (-20°C to 60°C)	4°F to 140°F (-20°C to 60°C)
Transfer (time)	30A (10ms)	30A (10ms)
Communications	MasterBus/CZone via PowerCombi CZone interface (77010700)	MasterBus/CZone via PowerCombi CZone interface (77010700)
Dimensions	15.19" x 9.88" x 4.57"	17.83" x 9.88" x 4.57"
Weight	10.0 lbs (4.55 kg)	13.5 lbs (6 kg)
Ignition Protection, BTS included	No	No
Warranty	2 year	2 year
Certifications	UL458 & Supplement SA/CSA C22.2, UL 1741 no. 107.1-01KKK-A-1822F	UL458 & Supplement SA/CSA C22.2, UL 1741 no. 107.1-01KKK-A-1822F



AC Side

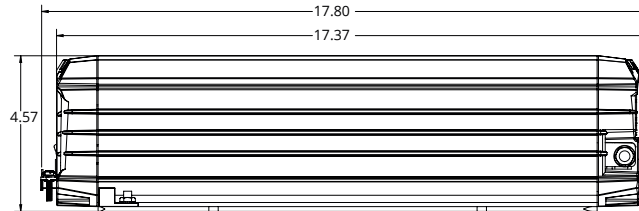
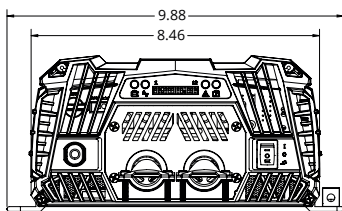


DC Side



Ground

Certifications pending. Specifications subject to change.



Accessories

Part #	
41500700	PowerCombi Battery Temperature Sensor
77010700	PowerCombi Remote Control Panel
77032900	PowerCombi CZONE - MBus Interface



41500700



77010700

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