

MOBILE POWER SOLUTIONS

# DOMETIC AC1 CHARGERS

Dometic AC1 Chargers can charge multiple battery banks quickly and safely.

## SMART CHARGING

SAFELY CHARGE ALL  
MAJOR BATTERY TYPES,  
INCLUDING LITHIUM

## HIGH POWER

60A AND 100A

## THREE OUTPUT

ONE CHARGER WORKS  
ON BATTERIES WITH  
DIFFERENT CHEMISTRIES



Mobile living made easy.



# THREE OUTPUT HIGH POWER CHARGERS

With Dometic AC1 chargers you can charge different battery types safely, from one charger. Dual engine AGM batteries and a lithium house bank? No problem. Advanced charging algorithms are compatible with all major battery types, work with inconsistent dock power voltages, and ensure that your batteries are always ready for your next on-water adventure.

## Features

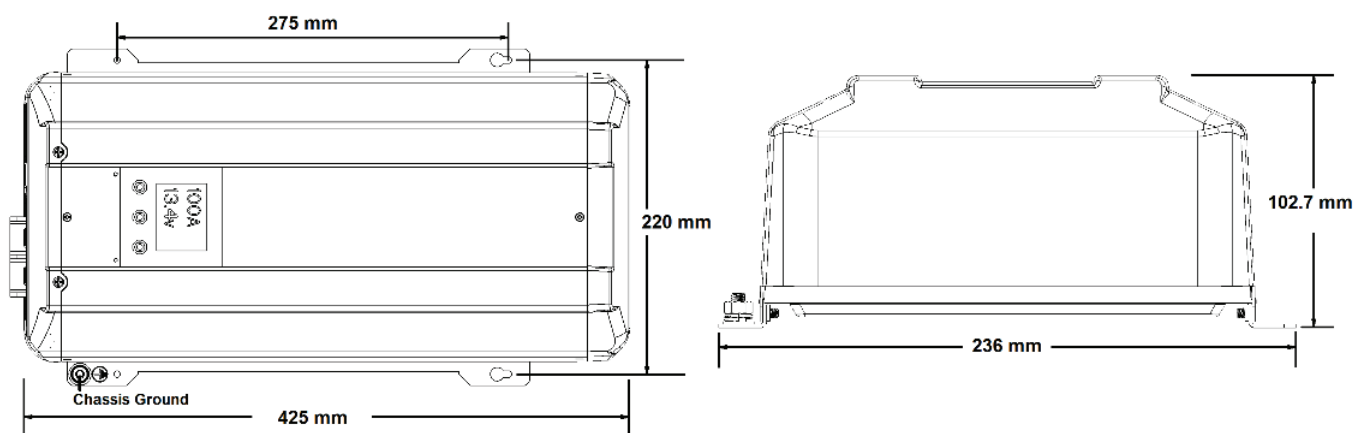
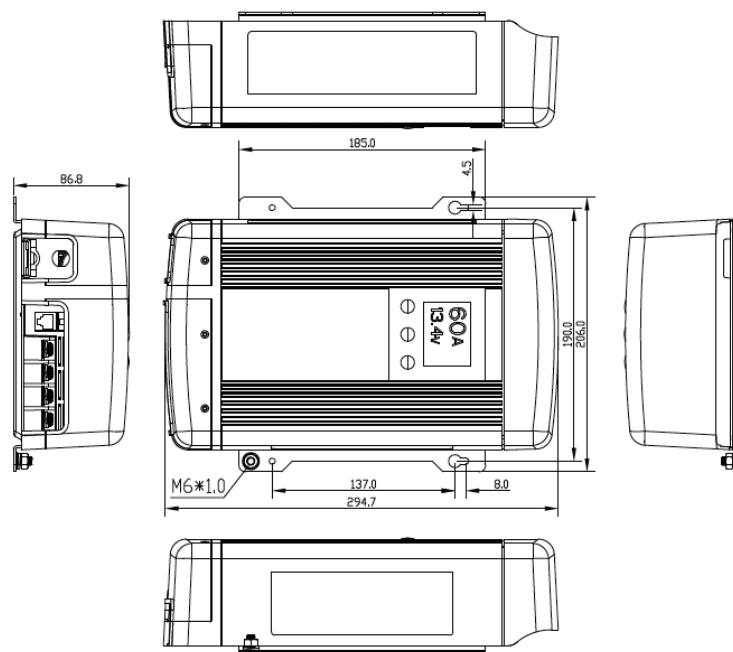
- Charge multiple banks from one unit, with different charge parameters for each bank
- Charging prioritization between banks
- Multi-stage charging
- Mix lithium and AGM, LA battery banks safely
- Quiet mode for silent charging
- World-ready with 90-265VAC, 47-63HZ



# SLEEK, BOLD STYLING REDEFINES THE LOOK OF MOBILE POWER

## ORDER INFORMATION

	Part No.
Charger, 120-240VAC, 50-60HZ, 12VDC 60A	AC11260
Charger, 120-240VAC, 50-60HZ, 12VDC 100A	AC112100



# AVAILABLE IN 60A AND 100A OUTPUTS

TECHNICAL INFORMATION		
	AC11260	AC112100
CHARGER OUTPUT		
Output Current (Maximum)	60A	100A
Output Voltage Range:		
Charge	14.2-15.5 V	13.8 – 14.8 V
Float	13.4-13.8 V	13.0 - 13.8 V
Equalize (Flooded Battery)	16V	15.5 V
Charging Control	Three stages (Bulk/Absorption/Float) Two stages (Bulk/Absorption)	
DC Output Bank	Three (CH1, CH2, CH3)	
Selectable Battery Type	Gel, AGM, Flooded, Lithium, Program	
Parasitic Current	< 2 mA	
CHARGER INPUT		
AC Input Voltage (Nominal)	100, 120, 220, 230, 240 VAC	
AC Input Operating Range	90 - 265 VAC	
AC Input Frequency Range	47 - 63 Hz	
Power Consumption (Full Load)	1050W	1750W
Power Factor Correction	Yes	
Charger Efficiency	> 82%	
PROTECTION AND FEATURES		
Reverse Battery	Yes, unit shutdown	
Over Charge	Yes, unit shutdown	
Over Temperature	Yes, unit de-rated and shutdown	
Output Short Circuit	Yes, unit shutdown	
Cooling	Force air ventilation	
Temperature Setting	Hot, Normal, Cold (with no sensor connected)	
Battery Temperature Sensor Port	RJ12 (for use with optional Battery Temperature Sensor)	
Remote Display Port	RJ12 (for use with optional Remote Display Panel )	
DISPLAY		
LCD Display (with back lighting)	Charging status, Battery Voltage	
Warning and Fault Code	A01, E01-09	
AC INPUT AND DC OUTPUT CONNECTION		
AC Input Connection	Hardwire or AC with Cord	
DC Output Connection (POS)	Heavy Duty Screw Terminal (3 banks)	
DC Output Grounding (NEG)	Heavy Duty Common Ground Screw Terminal	
ENVIRONMENTAL AND OPERATING TEMPERATURE		
Storage Range	-40° to 70° C (-40° to 158° F)	
Operating Range	-20° to 60° C (-4° to 140° F)	
Humidity	5-95%, RH non-condensing	
Ingress Protection	IP32	

Note: Specifications are subject to change without notice.

TECHNICAL INFORMATION (CONTINUED)		
	AC11260	AC112100
<b>BASED UNIT WEIGHT AND DIMENSIONS</b>		
Weight	12.3 lbs ( 5.6 Kg)	8.8 lbs ( 4 Kg)
Dimension	236 x 425 x 102.7 mm	356 x 206 x 99mm
<b>REGULATORY COMPLIANCE</b>		
Standards/Safety (North America)	Approved to UL1236 including the marine supplement UL1564 CSA C22.2 107.2-01	
Standards/Safety (European Union)	CE marked for the low voltage directive 2006-95-EC Complying with EN60335-2-29 battery chargers Approved to IEC60529:2001, IP32 ingress protection level	
Standards/EMC (North America)	Class B according to FCC part15B and ANSI C63.4	
Standards/EMC (European Union)	CE marked for the EMC directive 2004-108-EC Complying with EN55014-1, EN55014-2, EN61000-3-2, and EN61000-3-3 (as equivalent IEC standards series)	

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