

MOBILE POWER SOLUTIONS

# DOMETIC IC1 INVERTER/CHARGERS

The Dometic IC1 Inverter/Chargers provide AC power  
on the water and fast charging at the dock.

**TRUE SINE WAVE**  
SAFE FOR SENSITIVE  
ELECTRONICS

**HIGH POWER**  
2000W/3000W

**FAST CHARGING**  
80A & 100A



Mobile living made easy.

**DOMETIC**

# THE POWER YOU NEED. WHEN YOU NEED IT.

Dometic IC1 Inverter/Chargers combine pure sine wave power with high current battery charging. A built-in transfer switch simplifies use and installation. Power your boating lifestyle with confidence. Choose from the 3000W AC output with 100A of battery charging or the 2000W with 80A of battery charging.

## Features

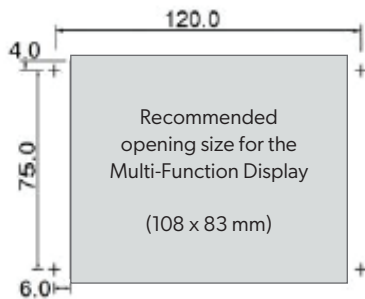
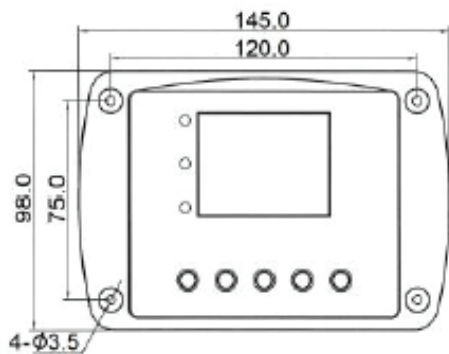
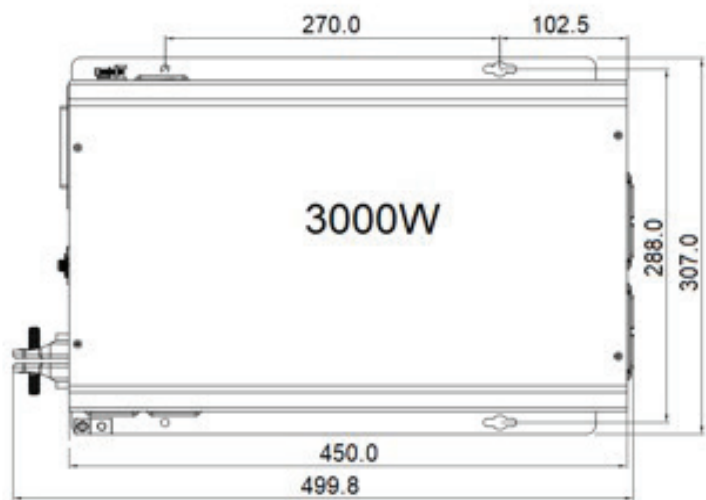
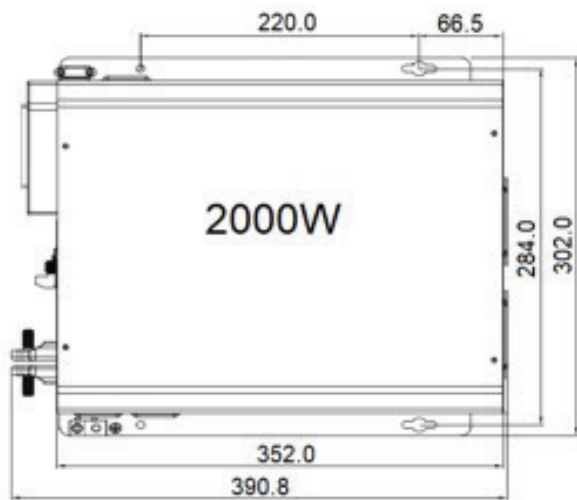
- True sine wave AC Power
- Lithium-ready
- Built-in automatic transfer switch
- 2000W with 80A charger
- 3000W with 100A charger
- 4000W and 6000W surge current



# SLEEK, BOLD STYLING REDEFINES THE LOOK OF MOBILE POWER

## ORDER INFORMATION

	Part No.
Inverter/Charger 120VAC 60Hz, 2000W 12VDC 80A Charger	IC112200080
Inverter/Charger 120VAC 60Hz, 3000W 12VDC 100A Charger	IC1123000100



All dimensions in mm

# AVAILABLE IN 2000W AND 3000W OUTPUTS

TECHNICAL INFORMATION		
SPECIFICATION	120VAC 12V Model	
	IC112200080	IC1123000100
RUNNING AS INVERTER		
AC Output Power	2000W	3000W
AC Output Current	16.6A	25A
AC Surge Power (Peak)	4000W	6000W
AC Output Voltage/Frequency	120 VAC / 60 Hz	
AC Output Waveform	Sine wave (<3% THD)	
Nominal DC Input Voltage	12.5 VDC	
No Load battery draw (Inverter Mode)	< 3.0 ADC	
DC Input Voltage operating range	10.5 – 16.5 VDC	
Under Voltage Alarm	11.0 - 12.5 VDC	
Under Voltage Alarm Recovery	11.5 - 13.0 VDC	
Under Voltage Shutdown	10.5 - 12.0 VDC	
Under Voltage Recovery	11.5 - 13.0 VDC	
Over Voltage Shutdown / Recovery	16.5 / 16.0 VDC	
AC TRANSFER SWITCH		
Transfer Time	< 30 ms	
Transfer Relay Rating	30A	
AC Input Source Setting	15, 20, 30A	
AC Output Hardwire (max.)	30A	
AC Output Socket (max.)	GFCI 20A	
DISPLAY		
Display Port	RJ12	
Inverter Mode	Battery Voltage, DC Current, AC Output Power	
Charger Mode	Charging Voltage, Charging Current, AC Input Power	
RUNNING AS BATTERY CHARGER		
Charging Voltage Range	13.8 - 14.8 VDC	
Float Voltage Range	13.0 - 14.0 VDC	
Recharge Voltage Range	12.8 - 14.0 VDC	
Bulk Charge Current Range	10 - 80 A	25 -100 A
Absorption-Float Current Range	2 - 15 A	2 - 20 A
Battery Type	Gel, Flooded, AGM, Lithium, Program, Power Supply	
Charge Cycle Stages	Bulk / Absorption / Float / Recharge	
Maintenance Recharge Cycle	7 days	
Power Factor Correction	>95%	
Efficiency	>80%	

Note: Specifications are subject to change without notice.

TECHNICAL INFORMATION	
SAFETY AND ENVIRONMENTAL	120VAC Series
Conformance	UL 458, CSA C22.2 No. 107.2-01
EMI/EMC	FCC Part 15 Class B
Agency Markings	cETLus
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Relative Humidity	5-90% non-condensing
Operating Altitude	Up to 9,843ft (3000m) above sea level
WEIGHTS AND DIMENSIONS	
Weights	2000W Series: 17.6 lbs. (8.0 kg) 3000W Series: 22.9 lbs. (10.4 kg)
Dimensions	2000W Series: 15.4 x 11.9 x 4.2 inches (391 x 302 x 106 mm) 3000W Series: 19.7 x 12.1 x 4.2 inches (500 x 307 x 106 mm)

Note: Specifications are subject to change without notice.