

The ShorPOWER Docker HP is a shore-based electric frequency and voltage converter that supplies power to yachts that are not compatible with the locally available dockside power. The Docker is equipped with a low noise and weather protected enclosure. It can operate alongside a yacht without disturbing occupants

or adjacent vessels. The Docker HP is suitable for various installations and provides an excellent return on investment for the owner, given its surprisingly short payback interval.

MANUFACTURERS AND REFIT YARDS NOW HAVE FULL ACCESS TO FREQUENCY AND VOLTAGE CONVERSION.

MARINA OPERATORS CAN EASILY PROVIDE WORLD CLASS YACHTS THE SERVICE OF ANY FREQUENCY AND VOLTAGE DOCKSIDE POWER.

YACHT OWNERS CAN AVOID COSTLY AND UNNECESSARY GENERATOR OPERATION WHILE IN PORT.

STANDARD FEATURES

USER SELECTABLE OUTPUT VOLTAGE AND FREQUENCY INPUT TO OUTPUT ISOLATION VIA INTERNAL TRANSFORMER OUTDOOR CONFIGURATION IAW IP55 LOW INPUT CURRENT DISTORTION ETHERNET INTERFACE (MODBUS TCP / IP) HIGH EFFICIENCY INPUT HIGH VOLTAGE TRANSIENT PROTECTION MULTI-LANGUAGE DISPLAY PRECISE OUTPUT VOLTAGE AND FREQUENCY REGULATION EXTERNAL SERVICE ACCESS PORT GENEROUS OVERLOAD CAPABILITY SOPHISTICATED DIAGNOSTIC AND PROTECTION SYSTEM ALARM INDICATION WHEN INPUT CURRENT EXCEEDS PROGRAMMED DOCK BREAKER RATING UNBALANCED LOADS ON BOARD ARE NOT REFLECTED ON THE INPUT

OPTIONS AVAILABLE

Output Load Disconnect Remote Touchscreen or Control Panel Parallelable for Increased Capacity or Redundancy CE Mark

INPUT

Voltage	323 to 528 Volts, 3Ø, 3 Wire Plus Ground
Frequency	50/60 Hz ±10%
INPUT CURRENT DISTORTION	≤ 5%
Power Factor	≥ 0.99
Phase Rotation	Any
Inrush Current	No Greater than 50% of Full Load Current
Protection	Over/Under Voltage, Loss of Phase, Over Current, Short Circuit, Voltage Transient Protection IAW IEEE C62.41.1 Location Cat. B/C
ENVIRONMENTAL	
ACOUSTICAL NOISE	<65 DBA AT 5 EFFT (1 5M)

ACOUSTICAL NOISE<65 DBA AT 5 FEET (1.5M)</th>TEMPERATURE RANGE-40°C to + 55°CRELATIVE HUMIDITYO - 95%, NON-CONDENSINGINGRESS PROTECTIONIP55ENCLOSURENEMA 250, TYPE 3RX
CORROSION RESISTANT

ENERGY FACTORS

EFFICIENCY

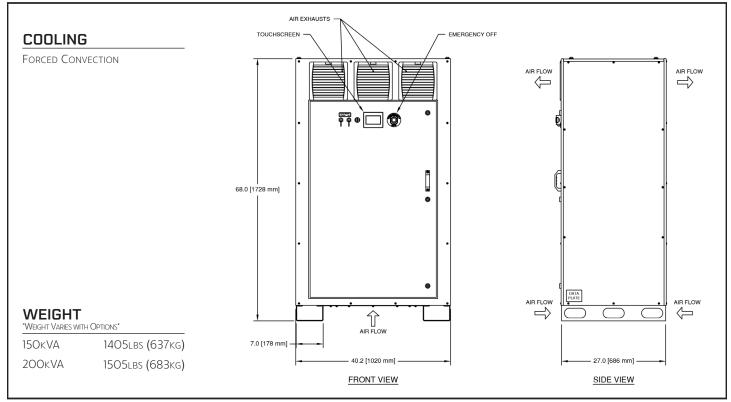
92% Typical at Full Load; 91% Typical at Half Load; Varies Depending on Config.

FIGURE 1 - ShorPOWER Docker HP 150-200kVA

OUTPUT

Power Rating	150 or 200 kVA (Specify
System Power Ratings	300 to 1000 kVA (Specify
Power Factor	Up to 1.0
Overload	100% Continuou 110% for 60 Mii 125% for 10 Mii 150% for 2 Mii 200% for 20 Sec
Voltage (Specify)	
• Three-Phase, 3-Wire	380, 400, 415, 440 460, 480 Volt
• Three-Phase, 4-Wire	220/380, 230/400 240/415, 254/440 265/460, 277/480 Volt
Crest Factor	1.414 ±3%
Voltage Regulation	±1.0% Under All Condition of Line, Balanced Load and Temperatur
Frequency (Specify)	50 or 60 H
FREQUENCY REGULATION	±0.01% Under AllCondition of Line, Load, and Temperatur
Frequency Transients	Non
Phase Angle Regulation	±2° for Balanced Loads ±4° for Unbalanced Load
Harmonic Distortion	3% Maximum (Linear Loads
Protection	All Standard Electrical an

All Standard Electrical and Environmental Monitoring for Equipment and Load Protection



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

This product was manufactured in a plant whose quality management system is registered to ISO 9001:2015. Atlas Marine Systems • 1801 S. Perimeter Rd • Ft Lauderdale, FL 33309 Sales: +1-954-735-6767 • Service: +1-214-343-7587 • Fax: +1-954-735-7676 info@AtlasMarineSystems.com • www.AtlasMarineSystems.com