

**MODEL
 DBT12**

DOCK BOOST TRANSFORMER

SMART ISOLATION BOOSTING TRANSFORMER

The **Dock Boost Transformer** provides precision voltage regulation to the vessel, delivering complete protection from the most common shore power problems, including: *brownouts, spikes, sags, and low-line or high-line voltage conditions from the dock power pedestal.*



FEATURES

- Auto-Restart from shore brownout or blackout
- Auto-Restart from overload
- Fault shield for bonded, galvanic bridged/isolated ground
- Serial bus (RS-232) remote diagnostics
- Remote on/off
- kWh meter
- Advanced power monitoring (input/output parameters)
- Protects against voltage droop

SPECIFICATIONS

OUTPUT

Rated Power: 12kVA (50A @240V)
 Power Form: Split Phase 120/240VAC

INPUT

Phase: Single
 Voltage: 167-270VAC
 Frequency: 57Hz-63Hz
 Current: 50A

Frequency: Freq in = Freq out
 RMS Efficiency: > 97%

WEIGHTS AND DIMENSIONS

Height: 12.8" (32.5cm) Width: 13.0" (33.0cm)
 Depth: 18.0" (45.7cm) Weight: 127.0lbs (57.6kg)

BENEFITS

COMPACT + LIGHTWEIGHT

The DBT 12 features a compact and lightweight footprint at 1.6 sqft and only 127lbs. By providing an industry recognized mounting pattern, it will fit as the perfect replacement for new construction or retrofit applications.

DURABLE DESIGN

Designed to withstand the most demanding marine environments, the DBT series is constructed with rugged stainless steel/aluminum housing with conformal coated printed circuit boards.

WIDE VOLTAGE ACCEPTANCE

Accepts any input voltage ranging from 167VAC-270VAC (57-63Hz) and provides a split phase 120/240V output nominal.

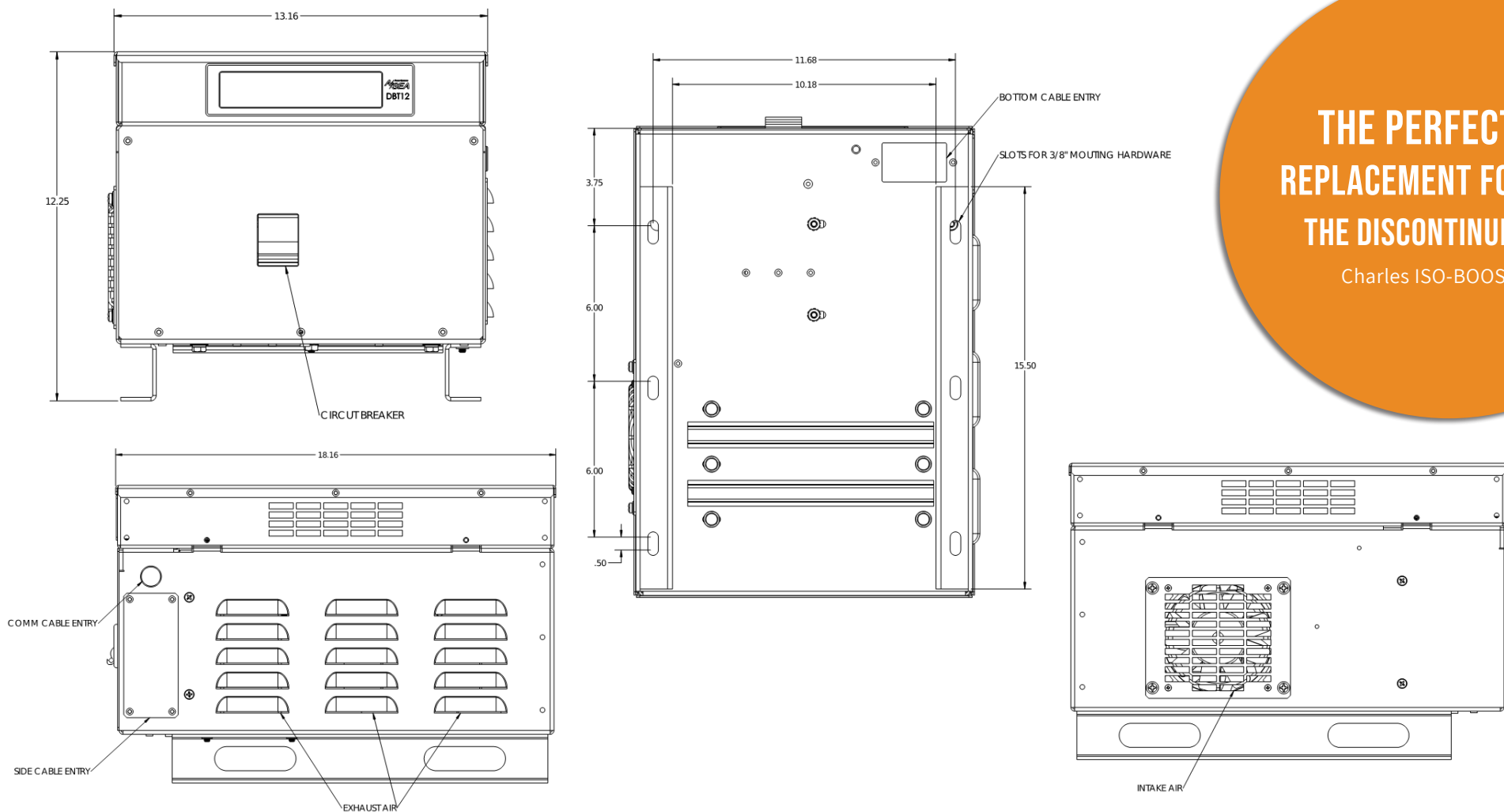
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**RELATED SOLUTIONS
 DBT24 , AC12**

CABINET DETAILS

MECHANICAL DRAWINGS AND STYLES

STANDARD



THE PERFECT
REPLACEMENT FOR
THE DISCONTINUED

Charles ISO-BOOST

For **custom solutions**, please contact the factory at sales@aseapower.com.