

# ANG-STABILIZER

## AUTOMATIC DOCK VOLTAGE REGULATOR WITH ISOLATION TRANSFORMER

The ANG-STABILIZER provides voltage regulation and electrical isolation from the shore.

The Voltage stabilizer is designed to ensure a stable onboard power supply while protecting the boat from any fluctuating voltage coming from the dock pedestal.

It's fully automatic and protects the vessel by regulating the voltage onboard. It's able to connect to low voltage, high voltage and always provides stable output power to the vessel.

The ANG-STABILIZER can be installed at the dock to prevent any fluctuation in voltage that can cause serious damages to the onboard equipments. It protects the boat from very high voltage, low voltage, short circuit.

It monitors the voltage and automatically regulates the output voltage to the boat.

The onboard voltage is always stable (+/- 2V) and in case of a large drop in voltage the system automatically shuts down to protect the boat and it will automatically restart when the power is back in range.

ANG-STABILIZER has protection from short circuit, under voltage, over voltage, overload, over current and over temperature.

It is equipped with galvanic isolation transformer, plugs, connectors and output breakers.

- Fiber glass enclosure for outdoor IP56 with status indicators;
- Adjustable steel feet;
- Customizable.

<b>ANG-STABILIZER</b>		<b>25KW (30Kva) 104Amp OUTDOOR</b>	
Input Form:	Single phase		
Fiber Glass enclosure	✓		
Frequency:	50-60Hz		
Input Voltage:	120/240V +/- 20% (192-288V) EU: 230V +/-20% (184-276V)		
Output Voltage:	120/240V + N +/- 1% - EU 230V +/-1%		
Input connection:	Inlet 100Amp 125/250V IP67 UL/CE		
Output connection:	Outlet 100Amp 125/250V, Outlet 50Amp 125/250V, Outlet 30Amp 120V IP67 UL/CE EU Outlet 2 x 63Amp 230V IP67, Outlet 32Amp 230V, Outlet 16Amp 230V IP67 CE		
Output current:	100Amp - EU 126Amp		
Input Automatic Circuit Breaker MCCB:	✓		
SLP surge protection Cl.II (c) IEC61643-1:	✓		
Fully protected:	✓		
Isolation transformer:	✓		
Output Breakers:	✓		
Monitoring relay under/over voltage:	✓		
Over current protection:	✓		
Overload protection:	✓		
Input sectionalising switch with door block security:	✓		
Digital Multimeter IP67 EMM (measure Input and Output parameters):	✓		
Signal lamp:	IP56		
Cooling:	forced		
Tropicalized System:	✓		
Auto-restart:	✓		
Color:	white RAL 9001 or custom		
Steinless steel adjustable feet:	✓		
Steel cover for cooling fans (input/output):	✓		
Degree off protection:	IP67		
Approx. Weight:	180 Kg / 397 lbs		
Dimensions:	80 x 45 x 80h cm - 31.4 x 17.7 x 31.4 inch		

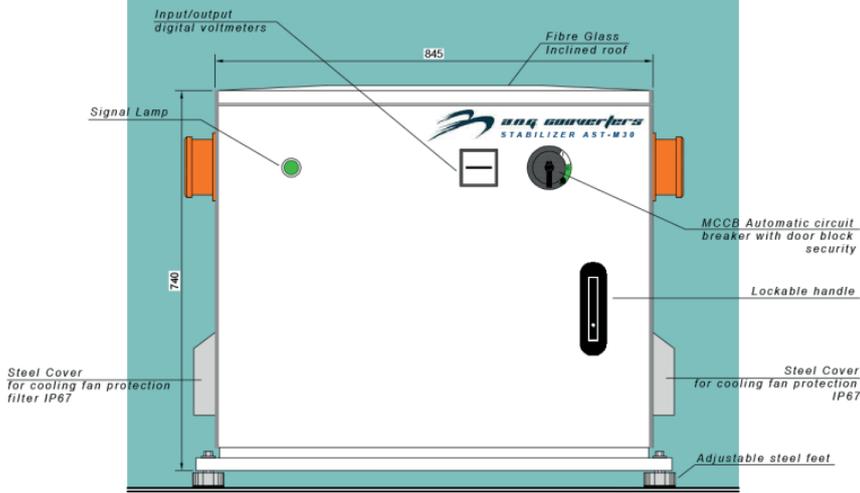
**Kit Full Protection:**

- Contactors with over/under voltage and over current
- Overcurrent protection on the Output (Current Relay + contactor cut-off)

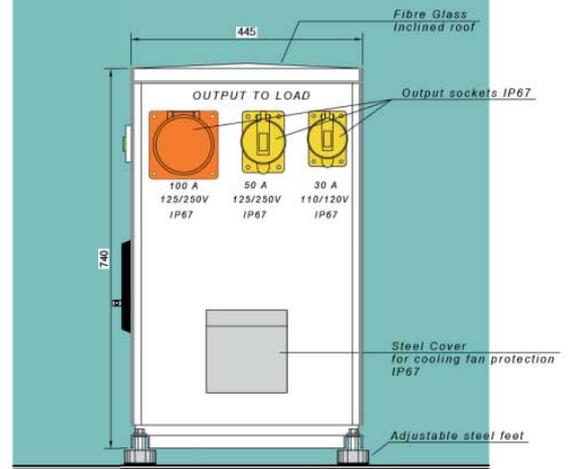
<b>Servo-Mechanical Voltage Stabilizer with Static Control</b>	
Admitted Load Variation:	300% for 2 min - 150% for 10 min
Correction speed	70 V/sec.
Effect of Load power factor:	None
Waveform distortion:	None added
Full load efficiency:	Approx. 98%
Ambient temperature:	
Storage temperature:	-50°C / +50°C
Relative humidity	95% non-condensing

MOD. AST-M30 - 25 KW  
 FIBRE GLASS BOX FOR OUTDOOR  
 COLOR WHITE RAL 9001

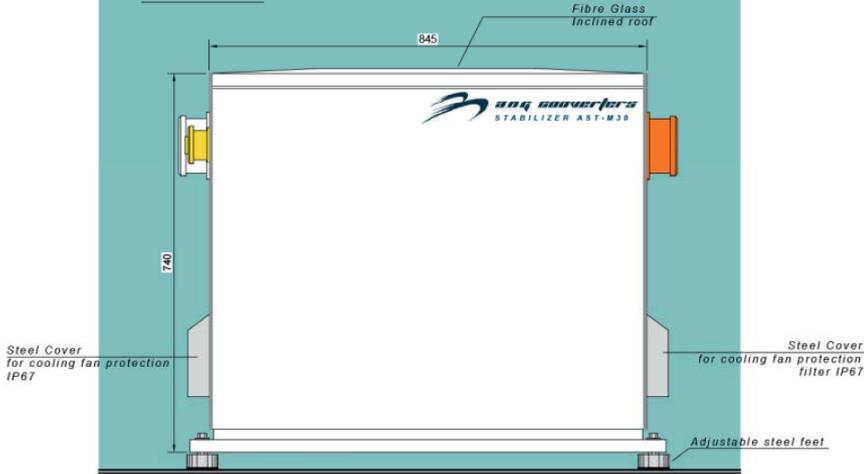
**FRONT VIEW**



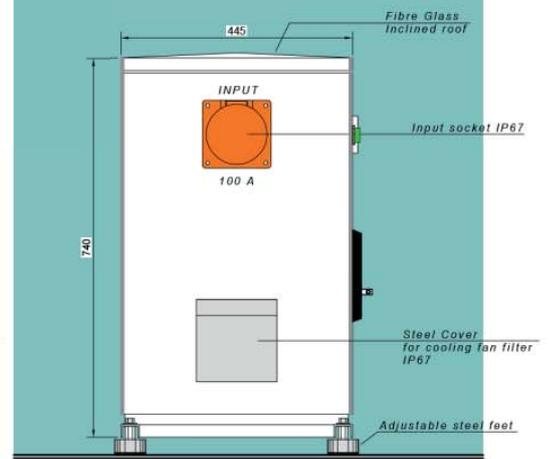
**SIDE VIEW (output)**



**REAR VIEW**



**SIDE VIEW (input)**



**VIEW FROM ABOVE**

