

## **STINGER**

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### **3.0**

### **Replace your inverter with the purpose built Stinger 3.0**

*Performance optimized* to compliment your **LED lighting package** with the quality and reliability of a Harrison hydraulic generator. The **STINGER 3.0** is *purpose-built* for mobile power anytime **3,000 watts or less** are required all while offering the *smallest footprint available* on the market today. Through the use of *advanced engineering materials*, the **STINGER 3.0** is *compact and lightweight* so you can always have a generator during critical incident response.



The **STINGER 3.0** uses advanced *corrosion-resistant aluminum* construction and engineered composite materials for the exterior of the generator. The 2" riser rails lift the **STINGER 3.0** above the mounting surface to *prevent any water intrusion* into the generator. The hydraulic hose and electrical connections are located on the fan side of the unit, providing an *EZ Mounting system* like the rest of the Harrison family.

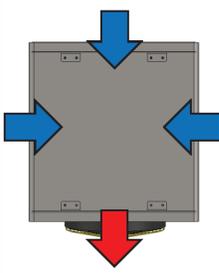
For over 50 years, Harrison has been the name professionals have staked their lives on; and the lives of others. Consider the competitive advantages of Harrison's **STINGER 3.0 Hydraulic Generator.**

**Clean, Reliable, Mobile Power  
since 1969**



# STINGER

## 3.0

ALTERNATOR DETAIL	HYDRAULIC SYSTEM	HYDRAULIC PUMP	AIR FLOW
<p><b>DESIGN:</b> Brushless, revolving field, two pole, 3600 rpm for 60 Hz or optional 50 Hz operation</p> <p><b>REGULATION:</b> (+/-) 5% voltage regulation from nameplate rating</p> <p><b>WAVEFORM:</b> Harmonic distortion limited to 7%</p> <p><b>INSULATION:</b> Class H, 200 degree F, slot insulation, varnish and copper windings.</p> <p><b>PF:</b> 1.0 (unity) for single-phase units</p>	<p><b>TYPE OF OIL:</b> Use a premium grade hydraulic oil, such as Mobile DTE series oil or an equivalent</p> <p><b>VISCOSITY:</b> Optimum operating viscosity is ISO 46 for best performance in all conditions</p> <p><b>CAPACITY:</b> The reservoir capacity will vary with each generator. Please see the "Reservoir Capacity" in the generator specifications</p>	<p><b>MIN INPUT:</b> 980 rpm <b>MAX INPUT:</b> 3300 rpm <b>DISPLACEMENT:</b> 45cc <b>MAX TEMP:</b> 200 Degrees F <b>MIN TEMP:</b> -15 Degrees F <b>WEIGHT:</b> 42 lb <b>MAX TORQUE:</b> 132lbft <b>SHAFT:</b> SAE-B 7/8" 13T Spined SAE-BB 1.00" Keyed <b>MAX PRESSURE:</b> 4,000 psi <b>MAX VACUUM:</b> 10.0 inHg</p>	

The airflow pattern of the **STINGER 3.0** makes it perfect for compartments, dunnage areas, and anywhere you have a straight thru airflow requirement.

Package your **Stinger 3.0** along with a remote mount reservoir and you have the perfect generator for customers looking to take advantage of the unused spaces on their apparatus.

3.0 kW										Reservoir
Length	18.50									6.0
Width	17.63									14.6
Height	17.0									14.1
Weight	108									20
Max Kw	3.0									
HP Required	7									
AMP/120 VAC	25									
AMP/240 VAC	N/A									
Max PSI	1500									
Oil Viscosity	ISO 46									
Reservoir GAL										2.5
Flow Rate GPM	8									
Alt Speed RPM	3600									

\*Reservoir is shipped remote mounted \*\*Generator dimensions and weights don't include the reservoir.



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