



SOLAR STIK®

Category: Power Management

# Step-up Transformer

Item # 20-0402315

## Let the AC Power In

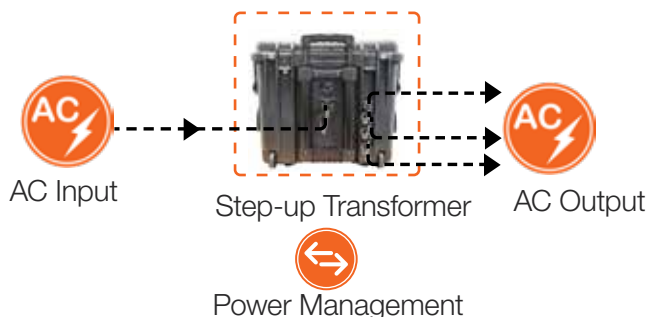
This three-phase, 120 V input Step-up Transformer is a powerful, portable solution designed to deliver reliable 600 V output across three separate outlets, each equipped with a 10 A breaker for enhanced safety and control to the outputs. Engineered with convenience in mind, it features all inputs and outputs on the front side for easy access while the case's top lid, secured by two easy open latches, allows for straightforward access to internal components. Additionally, a retractable handle with two front-side wheels facilitate smooth transport, making it ideal for on-site applications. The exterior also includes reinforced metal holes, allowing the case to be securely locked for added protection during storage and transport.



Inside the case, a user-friendly Faceplate houses three 2-pole breakers, each accompanied by a green LED that illuminates in the ON position, ensuring clear visibility of the Step-up Transformer's operational status. An AC input switch located on the Faceplate, also accompanied with a green LED that indicates when the transformer is active. Efficient thermal management is achieved with two exhaust vents positioned on the back and two intake fans located on the left and right sides, which together maintain optimal airflow to prevent overheating. With dimensions of 19.8 inches in length, 12.0 inches in width, and 18.5 inches in height, this transformer is compact yet powerful, and its total weight of 95 lbs makes it both durable and portable, ideal for on-site power applications that require stable, high-voltage output.

## Features

- USMC Program of Record item
- Accepts each 120 VAC 1-phase leg of a 120/208 VAC 3-phase input and steps it up into three separate 600 VAC outputs
- Optional pairing with a step-down transformer to distribute 120 VAC of power from a generation source over 2000 meters away
- Designed and tested to MIL-STD-810H with Government program acceptance
- Two-person lift
- Enables seamless plug-and-play operation



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## General

Operating Voltage	Input: 208Y/120 VAC; Output: 600 VAC
Internal cooling	<ul style="list-style-type: none"> <li>• (2) Fans (2 Intake)</li> <li>• (2) Exhaust Vents</li> </ul>
Case	1440 Pelican Case
Warranty	1-year materials and workmanship

## Safety

Breaker(s)	(3) 10A, 600VAC, 2 Pole
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## Connections

Input(s)	<ul style="list-style-type: none"> <li>• (1) 3 Phase 208Y/120 VAC (AMPHENOL GTC02R24-53P-025)</li> </ul>
Output(s)	<ul style="list-style-type: none"> <li>• (3) 600 VAC 60 Hz (AMPHENOL AIB2-16-10SC-025)</li> </ul>

## Environmental

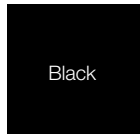
Operating Temperature	-40 °F to 131 °F (-40 °C to 55 °C)
Storage Temperature	-40 °F to 160 °F (-40 °C to 71 °C)

## Weights and Dimensions (L x W x H)

Weight	95 lbs (43.1 kg)
Dimensions	19.8 x 12.0 x 18.5 in (50.2 x 30.4 x 46.9 cm)



## Case Color Options



Black



Standard Color

## Recommended Components and Accessories



**400' Cable Reel Assembly**  
Item # 13-1000374



**HyPR 8000**  
Item # 20-0104040

