

POWER TRANSFORMER

Power Distribution Application

this application:



Espey Mfg. developed and manufactures this power distribution transformer used to supply electrical energy from a mobile military generator in rugged field conditions.

Features:

- Natural Convection Cooled
- Safety Interlocks
- IEEE Standard 386 Interface
- Interlocked Secondary Connector
- Integrated Thermal Protection
- Secondary Output Circuit Breaker
- Primary Fusing and Surge Arrestor

FILTER INDUCTOR

Specifications:

ELECTRICAL SPECIFICATIONS

RATING:	115 volts 400 Hz MIL-STD-704 (Category B)
	500 kVA, 2 minutes, emergency condition, limited duty cycle
	400 kVA, 2 hrs in 24 hr period
	200 kVA, 4 hrs in 12 hr period
	100 kVA Continuous
INPUT:	8000 Volts Maximum
	Primary: Delta connection
	Voltage: 4160V
	Frequency: 60 Hz \pm 2%
	IEEE Std. 386 Loadbreak Interface: Integrated fuse and surge suppression
OUTPUT:	Secondary: Wye connection, 4 Wire
	Voltage: 480/277V
	Regulation: 5.0% max at 400 kVA
	Connection: Meltric PF 600 with integrated safety interlock & status
	Circuit Breaker protected

MECHANICAL SPECIFICATIONS,

All dimensions are reference only and are stated in inches

Unit weight:	5025 Lbs maximum
Multiple lifting and transport options:	Iso corners and fork lift options
Enclosure:	Ip55, carc painted steel
Secondary disconnect -	Circuit breaker
Primary coolant and dielectric:	Oil

(TC-3P2)