

UNIVERSAL PDU TRANSFORMER

Global Military Prime Power Interface

Application shot



Espey developed this power distribution unit (PDU) for universal voltage inputs providing isolated power to global installations of conventional 380VAC, and 208VAC equipment. The transformer is capable of transforming a wide range of input voltages by off-circuit tap selection. Tapping is achieved quickly, and simply in the field via a custom high current tap-changer.

Features:

- Wide input voltage and frequency range
- Three phase dry type power transformer
- Off-circuit tap changer
- Incorporates distribution switchgear and protection
- Incorporates transient line voltage, passive snubber network.
- Qualified for mobile ground based military

Filter Inductor

Specifications:

ELECTRICAL SPECIFICATIONS

Input Voltage:	192 - 456 VAC
Input Frequency:	47 - 63 Hz
Output Voltage:	380/220VAC at 50kVA 208/120VAC at 15kVA 3.3 Amps Average
Rating:	65kVA
Impedance:	2.0% pu (@65kVA, 456V, 60Hz)
Efficiency:	97.5%

MECHANICAL SPECIFICATIONS

Weight:	825 pounds maximum
Size:	33.50" X 22.00" X 33.50"
	IP Enclosure System
	Carc Paint System