

Isolation Transformer 230V, 8.7A TF-1120 (CAT-1204) Specifications



TF-1120
INPUT: 230VAC 9.5A 50/60 HZ
OUTPUT: 230VAC 8.7A
LOAD FACTOR: 90%
DUTY: CONT.
WEIGHT: 38KG

Green Energy Solutions
AYK Gujranwala

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Specifications Isolation Transformer TF-1120

(230V, 8.7A)

Suitable for isolated power operation up to 2000VA

General

Model	TF-1120 (Single Phase Input)
Topology	Isolated Windings of Primary and Secondary Circuit.
Nominal Rating	230VAC, 8.7 A
Cooling System	AN
Isolation Voltage	2000 VAC Input/chassis and output /chassis for 1 minute. The overall system Leakage is less than 2mA
Insulation Resistance	>50 MΩ @ 1000 Vdc
Efficiency at full load	>91% @ 100% Loading.
Operating Temperature	-10 / +50 °C
Protection Level	IP 54 (Standard)
Enclosure Material	Glass Fiber Sheet ; Thickness 10 mm, 70 μm Electrostatic paints
Cable Entry	Back Side
Relative Humidity	5% to 95% non condensing
Power Socket	Three pin female socket for general use up to 230 VAC, 15 Amp
Isolated Transformer	Galvanically Isolated @ 2KV, Input: 230VAC, Output: 230 Vac, 3KVA Continuous. Magnetic Core Area : 2.5" X 4" , Weight = 22 Kg

Power Supply Input

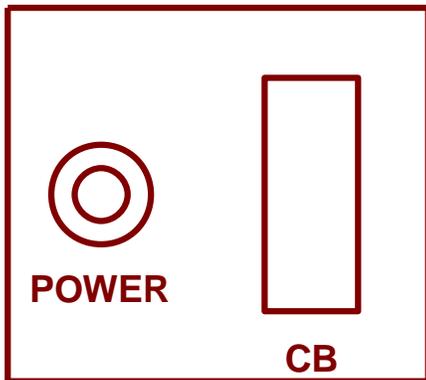
Rated Voltage	230 VAC \pm 10 %
Rated Frequency	50 Hz \pm 5%
Rated Current	9.5 Amp at 100% Load

Power Supply Output

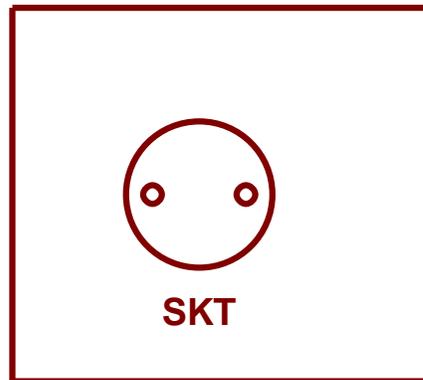
Output Voltage	230VAC \pm 10% (Follow Input)
Output Current	Mains Side: 9.5A, Load Side: 8.7A
Output Short Circuit Current	175 Amp AC
Duty Class	Continuous
Load Factor	80%
Protection System	Isolation Transformer is protected through Circuit Breaker

Dimensions

Height	200 mm
Width	230 mm
Length	355 mm
Weight	30 kg (approx.)



BACK SIDE



FRONT SIDE

