

# Product data sheet

Specifications



## APC WW 20KVA Isolation Transformer



APTF20KW01

### Overview

<b>Presentation</b>	The Step-Down Transformer converts high voltage (208 or 200 VAC) output into low voltage (120 or 100 VAC) output for powering low voltage AC equipment.
<b>Lead time</b>	Usually in Stock

### Main

<b>Main Input Voltage</b>	100 V 120 V 200 V 208 V 230 V 400 V 3 phase
<b>Product or Component Type</b>	Transformer
<b>Main Output Voltage</b>	100 V 120 V 200 V 208 V 230 V
<b>Other Output Voltage</b>	220 V 240 V 380 V 415 V
<b>Output connector type</b>	Hard Wire 3-wire (H N + E) for 1 zone(s) Hard Wire 3-wire (2PH + G) for 1 zone(s) Hard Wire 4-wire (2PH+N+G) for 1 zone(s)
<b>Number of rack unit</b>	4U
<b>Provided Equipment</b>	Documentation CD Hardwire panel Installation guide Rack Mounting brackets User Manual
<b>Range of Product</b>	Step-Down Transformer

### Physical

<b>Color</b>	Black
<b>Height</b>	6.9 in (175 mm)
<b>Width</b>	17.008 in (432 mm)
<b>Depth</b>	29.8 in (757 mm)
<b>Net Weight</b>	260.54 lb(US) (118.18 kg)
<b>Mounting Location</b>	Front Side
<b>Mounting preference</b>	Lower
<b>Mounting Mode</b>	Rack-mounted

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

## Input

Max line current	100 A
Input current limits	100 A
Input Frequency	45...65 Hz
Number of input connectors	1 Hard Wire 3-wire (2PH + G) 1 Hard Wire 3-wire (1PH+N+G) 1 Hard Wire 4-wire (2PH+N+G)

## Output

Maximum Total Current Draw per Phase	100 A
Efficiency	96 %

## Conformance

Product Certifications	CSA UL Listed
Standards	EN 55022 Class A EN 55024 EN 60950 EN 61000-3-2 EN 61000-3-3

## Environmental

Ambient Air Temperature for Operation	32...104 °F (0...40 °C)
Relative Humidity	0...95 %
Operating altitude	0...10000 ft
Ambient Air Temperature for Storage	32...104 °F (0...40 °C)
Storage Relative Humidity	0...95 %
Storage altitude	0...10000 ft (0...3048 m)

## Ordering and shipping details

GTIN	731304242222
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## Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	19.02 in (48.3 cm)
Package 1 Width	39.4 in (100 cm)
Package 1 Length	23.6 in (60 cm)
Package weight(Lbs)	315.66 lb(US) (143.18 kg)

## Contractual warranty

Warranty (in months)	24
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



### Environmental footprint

Total lifecycle Carbon footprint	13 029 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	506 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	10 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	12 503 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	9 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

### Use Better



### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	<a href="#">Compliant By Exemption</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>

### Use Longer



### Lifetime extension

Repair	No
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### Use Again



### Repack and remanufacture


Recyclability potential, in %	86
Circularity Profile	<a href="#">End of Life Information</a>
Take-back	Yes
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Image of product / Alternate images

Alternative

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