

# SRT TOROIDAL TRANSFORMERS

## ADVANTAGES

SK Electric designs and manufactures a broad range of transformers, reactors and inductors, these include an extensive line of standard products, as well as custom-built products.

We strive to make the most consistent and reliable power supplies in the world, driven by the following key principles;

- Diverse engineering capability.
- Stringent quality control.
- Highly skilled production staff.
- Control throughout our supply chain.
- Compliance with the highest international quality standards.
- Global customer support.
- Stringent intellectual property management practices.

These principles allow us to meet and exceed customers' requests whilst maintaining a competitive cost structure.

Our quality control includes 100% final testing to meet all required international industry standards and statistical process controls.

We lead in the development of methods to meet UL and TUV safety specifications. We have developed effective state of the art design and manufacturing techniques for high-volume self-supporting coils, high frequency high voltage transformers, EI transformers, toroidal transformers, reactors and many other power solutions.

Whether you require a standard, off-the-shelf unit, or one customized unit to fit your exacting requirements, SK Electric expert sales and engineering staff will work closely with you to meet your needs.

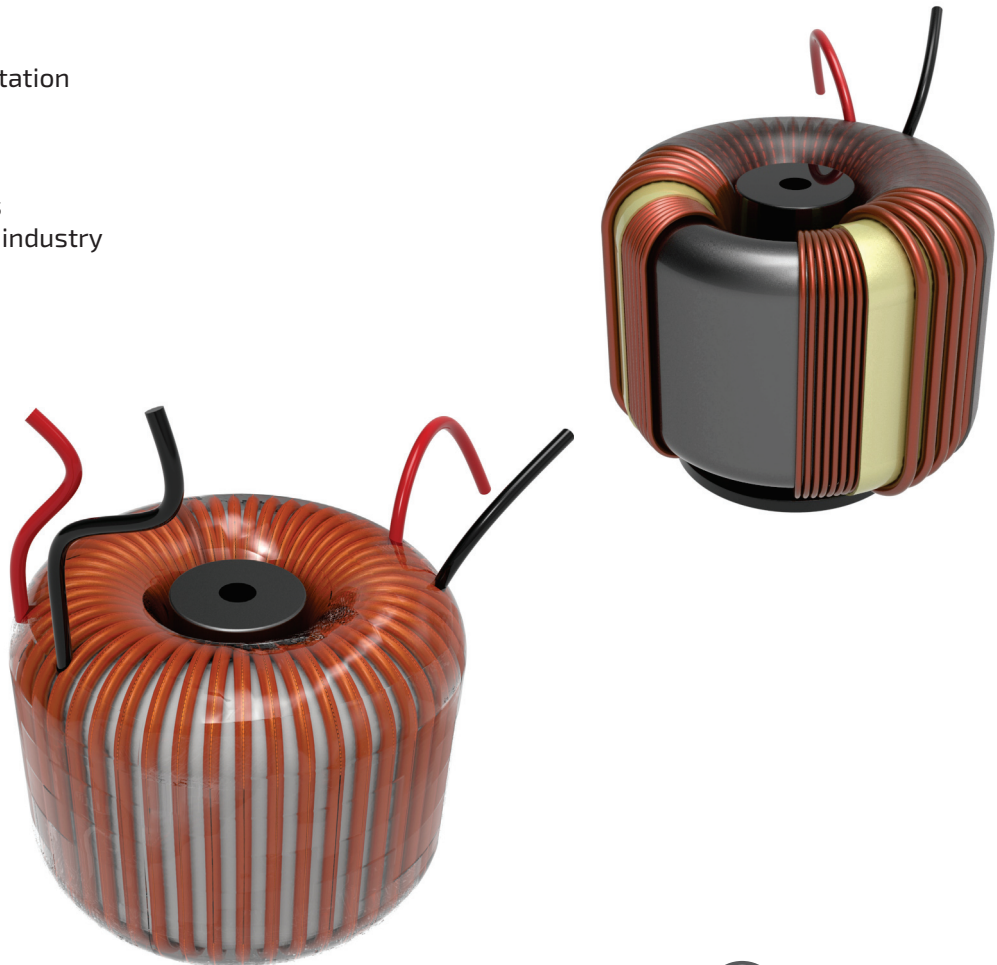
SK Electric has become synonymous with, on-time delivery, and uncompromised quality, which is the reason we have been nominated by our suppliers numerous times as their best global supplier.

## APPLICATIONS

- Medical
- Railway and transportation
- Industrial equipment
- Renewable energy
- Defence
- Consumer electronics
- Shipping and logistic industry

## STANDARDS

- UL/IEC/EN 60601-1
- UL/IEC/EN 61558-1
- UL 1411



# SRT TOROIDAL TRANSFORMERS

## Technical Specifications:

Rated Power: 50VA to 1,300VA  
 Rated frequency: 50/60Hz  
 Insulation Class: Class B  
 Protection Class: IP00  
 Cooling method: Natural air  
 Temperature rise:  $\leq 90$  °C  
 Operating temperature: 0°C - 40°C  
 HV test: 3,000Vrms Hipot  
 Elevation above sea level: 3,000m max  
 Mounting: All units are supplied with a potted center and silicone rubber base.

Not all customers have the same requirements, so here at SK Electric we work with you to develop a solution that best meets your needs. We covers all aspects from, standards and certifications to, specific input and output requirements, labelling, mounting options, packaging etc.

We can supply standalone transformers, or incorporate additional components, assemble subassemblies and manufacture complete finished products. All manufactured and tested to your specifications.

Model	Power VA	(H)	(W)	(D)	EFF	WEIGHT (KG)
(ALL DIMENSIONS IN MM)						
SRT-100	100	49	108	6	$\geq 86$	1.7
SRT-200	200	63	119		$\geq 89$	2.45
SRT-300	300	72	134		$\geq 91$	3.1
SRT-400	400	77	143	8	$\geq 93$	4.5
SRT-500	500	82	152		5.4	
SRT-600	600	87	158		$\geq 94$	6.5
SRT-700	700	90	159		7.2	
SRT-800	800	93	165	10	7.9	
SRT-900	900	97	173		$\geq 95$	8.7
SRT-1000	1,000	101	183		9.1	
SRT-1300	1,300	105	195		$\geq 96$	11.3

