

# OD 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.

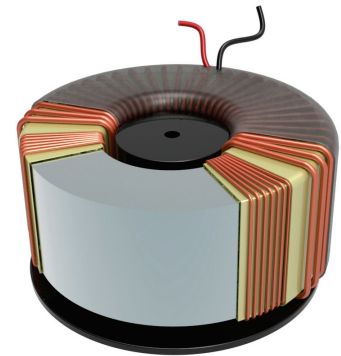
SK Electric has become synonymous with, on-time delivery, and uncompromised quality, which is the reason we have been nominated by our suppliers numerous times as their best global supplier.

## APPLICATIONS

- Medical
- Transport
- Industrial equipment
- Renewable energy
- Defence
- Consumer electronics

## STANDARDS

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



# OD TOROIDAL TRANSFORMERS

## Technical Specifications:

Rated Power: 50VA - 7kVA  
 Rated frequency: 50/60Hz  
 Insulation Class: Class B,F  
 Protection Class: IP00  
 Cooling method: Natural air  
 Temperature rise:  $\leq 90$  °C Class B or  $\leq 115$  °C Class F  
 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 we work with our clients to develop a solution that best meets their needs. This covers all aspects related to but inclusive to, standards needed to be met, specific input and output requirements, labelling, mounting options etc.

We can supply standalone transformers or we can incorporate additional components to supply subassemblies right through to finished components. All built and tested to your specifications.

Model	Power VA	(H)	(W)	(D)	EFF	WEIGHT (KG)
(ALL DIMENSIONS IN MM)						
OD-50	50	40	95	6	83	1
OD-100	100	55	108		$\geq 86$	2
OD-200	200	60	114		$\geq 89$	2.7
OD-300	300	65	125	8	$\geq 91$	3.4
OD-400	400		140		$\geq 93$	5.3
OD-500	500		160		$\geq 94$	6.8
OD-750	750	75	165	10	$\geq 95$	8.4
OD-1000	1,000	85	170		9.5	
OD-1250	1,250	95	178		12.4	
OD-1500	1,500	105	185	12		14.5
OD-2000	2,000	107	200		16.7	
OD-3000	3,000	122	220		21.5	
OD-4000	4,000	132	245	14	$\geq 96$	27.8
OD-5000	5,000	140	265		35.3	
OD-6000	6,000	153	286		40.1	
OD-7000	7,000	160	300		46.5	

