

TECS/TEPS series NEW

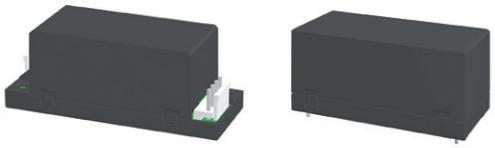


Model	TECS45F	TEPS45F	TECS65F	TEPS65F		
Input Voltage	85-264VAC					
Output Voltage / Current	5V	8A	10A			
	12V	3.8A	5.45A			
	24V	1.9A	2.75A			
Efficiency (100VAC / 230VAC, Io=100%) *24VDCout	91.5% / 92.5%		92.5% / 93.5%			
Leakage Current (240VAC, 60Hz, Io=100%)	0.25mA Max.					
Operating Ambient Temperature	-10°C to +70°C (Derating is required.)					
Safety Standard Approvals	UL62368-1, C-UL (Equivalent to CAN/CSA-C22.2 No.62368-1), EN62368-1					
Safety Standard Compliant	DEN-AN					
Conducted Noise	CISPR11-B, CISPR32-B, EN55011-B, EN55032-B, FCC Part 15-B, FCC Part 18-B, VCCI-B Compliant					
EMC Immunity	IEC61000-3-2 (Class A) Compliant *No PFC					
Case Size (W×H×D) mm [Inches]	25.4 x 23.5 x 76.2 [1.00 x 0.93 x 3.00]	25.4 x 24.0 x 58.5 [1.00 x 0.94 x 2.30]	25.4 x 27.0 x 76.2 [1.00 x 1.06 x 3.00]	25.4 x 27.5 x 58.5 [1.00 x 1.08 x 2.30]		

Option (Scheduled to be available in Yr. 2024.)

Case Option -N

"-N" option can be prevented from foreign substances from outside and suitable for use in harshness circumstances.

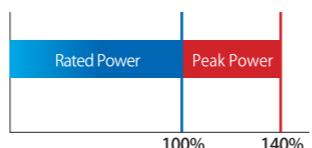


*Shape may be different. Please note kindly.

Peak Option -H

Peak Power Approx. 140%
(12VDC, 24VDC)

Can load 1.4 times rated output current as peak power. Applicable for start-up with big rush current.



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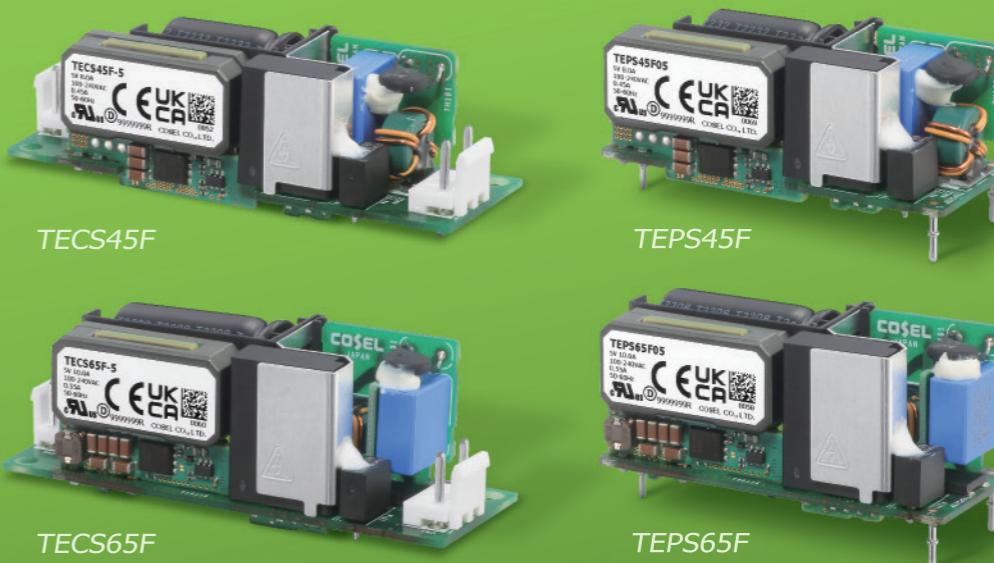
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COSEL

*Compact Size
AC-DC Power Supply*

TECS/TEPS series



INDUSTRIAL
45/65W
NEW

TECS/TEPS series

**1X3 inch Foot Print
One of the Highest Power Density in the world**

**Suitable for Various Applications like Industrial, Building and Consumer Equipment.
Contributes Green Activities by its High Efficiency and Low Power Consumption.**

2 WAYS × Compatible



Compact / High Efficiency

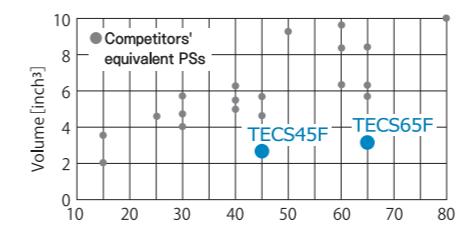
Compact, High Power and High Density Power Supply

TE series uses Wide Band Gap Semi-conductor (GaN HEMT), Active Clump Fry Back Circuit (65W) and High Frequency PCB Transformer. The TE series can achieve High Efficiency by those technologies and is suitable for Various Applications.

Can save space in application

■ Compact

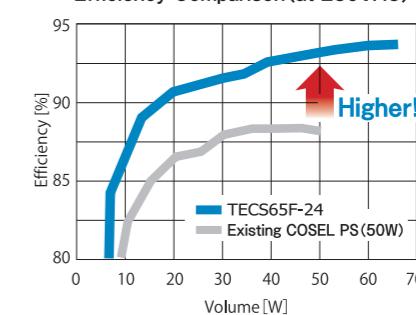
Volume Comparison between TE series and Competitors' equivalent PSs (connector type)



Volume Ratio: Max.1/2

■ High Efficiency

Efficiency Comparison(at 230VAC)



3-5% Higher

Achieved Higher Efficiency by using GaN HEMT

**Low Standby Power Consumption
0.2W (Typ.) (at 230VAC)**

Contributes to decrease Heat in Application by its High Efficiency

Interface

2 Types of Interface

Pin Type Connector Type

**Compatible between 45 / 65W
The Mounting Dimensions are the Same.**

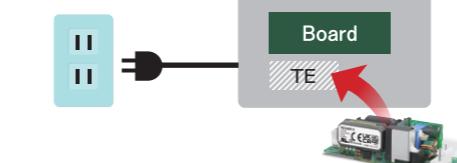
Multi-Connections in various applications by 2 Types of Interface.

Class II

Suitable for Handy Type Applications

■ No Need of FG Connection

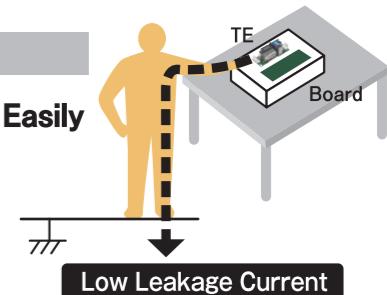
Achieves "Low Noise" without FG Connection
Meets FCC Class B
Handy Type Application



■ Low Leakage Current

Meets Safety Standard Easily

Much decreased leakage current in secondary side. Can add another power supply or EMI filter easily by the low leakage current of TE series.



Equipment in Building



- Equipment for Smart Office
- Security Equipment
- General Industry Equipment
- Payment Terminals
- Related Equipment in Building



Consumer Equipment



- Equipment for Smart Home
- Security Equipment
- Measurement Equipment
- Office Automation Equipment
- Various Compact Control Terminals