

# T4 SERIES

DC / DC Single Output: 50 ~300 Watts

## Specification:



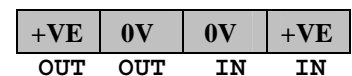
## Features

- Wide input voltage range 10-60vdc
- Wide output adjustment range
- Suitable for applications where High Voltage Transients may be present.
- Suitable for Fork Lifts and other industrial applications.
- High efficiency typically 90% for 24 / 12V model
- Offer off the shelf solutions for non-standard dc-dc applications
- Low noise EN55022 B
- Overload protection
- Over-temperature protection –auto recovery
- Input- Output common negative
- High MTBF 150,000 hrs

<b>Input Voltage</b>	10 ~ 60VDC
<b>Input Protection</b>	<ul style="list-style-type: none"> <li>• Input must be minimum 3V above output voltage setting</li> <li>• Reverse polarity protection.</li> <li>• Input voltage protection up to 90VDC for 100msec.</li> </ul>
<b>Output Voltage</b>	0 ~ 30vdc user adjustable
<b>Parallel operation</b>	NO
<b>Output Power</b>	Model dependent maximum 300 watts
<b>Efficiency</b>	Model dependent up to 95%
<b>Input Fuse</b>	10A
<b>Input Current</b>	14A at 100% load
<b>Over voltage protection</b>	YES
<b>Overload protection</b>	Current limited with, with auto recovery set at 11-15A.
<b>Over temperature protection</b>	Shutdown at high temperature with auto recovery
<b>Ripple &amp; Noise</b>	Typically 250mV pk-pk
<b>Regulation Load</b>	< 1% for 25% load step
<b>Regulation line</b>	< 0.5%
<b>EMC</b>	EN55022 B Conducted
<b>Operating temp</b>	0°C to +50°C at 300W output power. Depending on the input / output voltage setting, +70 °C is possible on some models, consult office.
<b>Humidity</b>	0-90% non condensing
<b>Isolation</b>	Input – Output: Non isolated, common negative
<b>MTBF</b>	150, 000 hrs
<b>Dimensions</b>	155 x 123 x 60mm
<b>Connector</b>	6.5mm spade terminals

Model	Input VDC	Output V	Output A
T4M-2412-TC	18-60V	12V ( 0-15V )	10A
T4M-2415-TC	20-60V	15V ( 0 –17V )	10A
T4M-3612-TC	20-60V	12V ( 0-17V )	10A
T4M-3615-TC	20-60V	15V ( 0-17V )	10A
T4M-3624-TC	29-60V	24V ( 0-26V )	10A
T4M-4812-TC	18-60V	12V ( 0-15V )	10A
T4M-4815-TC	20-60V	15V (0-17V )	10A
T4M-4824-TC	30-60V	24V ( 0- 27V )	10A
T4M-5030-TC	33-60V	30V ( 0-30V)	10A

## Connections



- Other input / Output combinations may be available, consult our office.