

**TOPPOWER**

Guangzhou Top Power Electronics Technology Limited

# KONWERTERY DC-DC / AC-DC DC-DC / AC-DC CONVERTERS



Micros sp.j. W. Kędra i J. Lic  
ul. Godlewskiego 38  
30-198 Kraków
















tel.: +48 12 636 95 66  
fax: +48 12 636 93 99  
mail: [biuro@micros.com.pl](mailto:biuro@micros.com.pl)

[www.led.micros.pl](http://www.led.micros.pl)  
[www.elektronik.micros.pl](http://www.elektronik.micros.pl)  
[www.micros.com.pl](http://www.micros.com.pl)

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MICROS

# Konwertery DC-DC / DC-DC Converters

Seria Series	Moc Power (W)	Napięcie wejściowe Input voltage (V)	Napięcie wyjściowe Output voltage (V)	Izolacja Isolation (V)	Obudowa Package	Stabilizacja napięcia wyjściowego Output regulation	Wymiary Dimensions (mm)	Podgląd produktu Product view
TKA	1	3.3, 5, 12, 24	±3.3, ±5, ±9, ±12, ±15, ±24	3000	SIP/DIP	niestabilizowane un-regulated	SIP: 16.55×5.95×7.55 DIP: 19.50×9.8×5.4	
TPA	1	3.3, 5, 12, 15, 24, 48	3.3, 5, 9, 12, 15, 24 / ±5, ±9, ±12, ±15, ±24	3000	SIP/DIP	niestabilizowane un-regulated	SIP: 19.50×6.0×10.0 DIP: 19.50×9.8×6.8	
TPNA	1	5, 12, 15, 24, 48	±5, ±9, ±12, ±15	3000	SIP	niestabilizowane un-regulated	19.5×6.0×10.0	
TPD	1	5, 12, 24	3.3, 5, 9, 12, 15	3000 (we/wy, wy/wy) (in/out, out/out)	SIP/DIP	niestabilizowane un-regulated	SIP: 11.48×6.0×10.0 DIP: 11.50×9.8×6.8	
TPE	1	3.3, 5, 12, 15, 24, 48	3.3, 5, 9, 12, 15, 24	1000 2000	SIP/DIP	niestabilizowane un-regulated	SIP: 11.48×6.0×10.0 DIP: 11.50×9.8×6.8	
TKE	1	3.3, 5, 12, 24	3.3, 5, 9, 12, 15	1000 3000	SIP/DIP	niestabilizowane un-regulated	SIP: 11.48×6.00×7.46 DIP: 11.50×9.8×5.4	
TPJ	1	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24 / ±5, ±9, ±12, ±15	6000	SIP	niestabilizowane un-regulated	19.5×9.8×12.5	
TPR-1W	1	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24	3000	SIP	niestabilizowane un-regulated	19.5×6.0×10.0	
TPV	1	3.3, 5, 9, 12, 15, 24, 48	3.3, 5, 9, 12, 15, 24 / ±5, ±9, ±12, ±15	3000	SIP/DIP	niestabilizowane un-regulated	SIP: 19.50×6.0×10.0 DIP: 19.50×9.8×6.8	
TPB-1W	1	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24	3000	SIP	stabilizowane /ochrona SC regulated /SC protection	19.5×6.0×10.0	
TPF	1	5, 12, 24, 48	5, 9, 12, 15	3000	SIP/DIP	stabilizowane /ochrona SC regulated /SC protection	SIP: 19.50×6.0×10.0 DIP: 19.50×9.8×6.8	
TPI	1	5, 12, 24	±5, ±9, ±12, ±15	3000	SIP	stabilizowane /ochrona SC regulated /SC protection	27.5×12×9.5	
TP2L-1W	1	5 (2:1) 4.5-9 12 (2:1) 9-18 24 (2:1) 18-36 48 (2:1) 36-72	3.3, 5, 9, 12, 15, 24 / ±5, ±9, ±12, ±15, ±24	1000 3000	SIP	stabilizowane /ochrona SC regulated /SC protection	21.8×9.2×11.1	
TPD-2W	2	5, 12, 24	3.3, 5, 9, 12, 15	3000 (we/wy, wy/wy) (in/out, out/out)	SIP/DIP	niestabilizowane un-regulated	SIP: 19.50×6.0×10.0 DIP: 19.50×9.8×6.8	
TPG	2	3.3, 5, 12, 15, 24, 48	3.3, 5, 9, 12, 15, 24	3000	SIP	niestabilizowane un-regulated	19.50×7.5×10.0	
TPH	2	3.3, 5, 12, 15, 24, 48	3.3, 5, 9, 12, 15, 24 / ±5, ±9, ±12, ±15, ±24	3000	SIP/DIP	niestabilizowane un-regulated	SIP: 19.50×7.5×10.0 DIP: 19.50×9.8×7.7	

# Konwertery DC-DC / DC-DC Converters

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TPJ-2W	2	3.3, 5, 12, 24	3.3, 5, 9, 12, 15 / ±5, ±9, ±12, ±15	6000	SIP	niestabilizowane un-regulated	19.5×9.8×12.5	
TPK	2	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24 / ±5, ±9, ±12, ±15, ±24	3000	SIP	niestabilizowane un-regulated	19.50×7.5×10.0	
TPL	2	5, 12	3.3, 5, 9, 12, 15	1000	SIP	niestabilizowane un-regulated	14.0×7.5×10.0	
TPS	2	5, 12, 15, 24	5, 9, 12, 15, ±5, ±9, ±12, ±15	6000 10000	DIP	niestabilizowane un-regulated	32.6×14.72×9.4	
TPB	2	5, 12, 15, 24	5, 12, 15	3000	SIP	stabilizowane /ochrona SC regulated /SC protection	19.5×7.5×10.0	
TPI-2W	2	5, 12, 24	±5, ±9, ±12, ±15	3000	SIP	stabilizowane /ochrona SC regulated /SC protection	27.5×12.0×9.5	
TP2L	2	5 (2:1) 4.5-9 12 (2:1) 9-18 24 (2:1) 18-36 48 (2:1) 36-72	3.3, 5, 9, 12, 15	1000	SIP	stabilizowane /ochrona SC regulated /SC protection	21.8×9.2×11.1	
TPG-3W	3	3.3, 5, 12, 15, 24, 48	3.3, 5, 9, 12, 15, 24	3000	SIP	niestabilizowane un-regulated	19.5×7.5×10.0	
TPK-3W	3	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24 / ±5, ±9, ±12, ±15, ±24	3000	SIP	niestabilizowane un-regulated	19.5×7.5×10.0	
TPL-3W	3	5, 12	3.3, 5, 9, 12, 15	1000	SIP	niestabilizowane un-regulated	21.8×7.5×11.1	
TPT	3	4, 5, 12	potrójne wyjścia triple outputs (-24V, -48V, -72V)	1000	SIP	niestabilizowane un-regulated	21.8×7.5×11.1	
TPD-3W	3	5 (2:1) 4.5-9 12 (2:1) 9-18 24 (2:1) 18-36 48 (2:1) 36-72	5, 9, 12, 15, 24	1500 (we/wy, wy/wy) (in/out, out/out)	DIP	niestabilizowane un-regulated	31.8×20.3×10.0	
TP2D	3	5 (2:1) 4.5-9 12 (2:1) 9-18 24 (2:1) 18-36 48 (2:1) 36-72	±3.3, ±5, ±12, ±15	1000	DIP	stabilizowane /ochrona SC regulated /SC protection	32.26×14.66×7.0	
TP2L-3W	3	12(2:1) 9-18 24(2:1) 18-36 48(2:1) 36-72	3.3, 5, 9, 12, 15, 24 / ±5, ±9, ±12, ±15	1000 3000	SIP	stabilizowane /ochrona SC regulated /SC protection	21.8×9.2×11.1	
TP2S	3	5 (2:1) 4.5-9 12 (2:1) 9-18 24 (2:1) 18-36 48 (2:1) 36-72	3.3, 5, 12, 15	1000	DIP	stabilizowane /ochrona SC regulated /SC protection	32.26×14.66×7.0	
TP2Y	3	5 (2:1) 4.5-9 12 (2:1) 9-18 24 (2:1) 18-36 48 (2:1) 36-72	3.3, 5, 9, 12, 15	1000	DIP	stabilizowane /ochrona SC regulated /SC protection	32.26×14.66×7.0	






# Konwertery DC-DC / DC-DC Converters

Seria Series	Moc Power (W)	Napięcie wejściowe Input voltage (V)	Napięcie wyjściowe Output voltage (V)	Izolacja Isolation (V)	Obudowa Package	Stabilizacja napięcia wyjściowego Output regulation	Wymiary Dimensions (mm)	Podgląd produktu Product view
TP03DA	3	5 (2:1) 4.5-9 12 (2:1) 9-18 24 (2:1) 18-36 48 (2:1) 36-72 24 (4:1) 9-36 48 (4:1) 18-72	3.3, 5, 12, 15 / ±5, ±12, ±15	1500	DIP	stabilizowane /ochrona SC regulated /SC protection	31.75×20.32×11.2	
TP03DB	3	12 (2:1) 9-18 24 (2:1) 18-36 48 (2:1) 36-72 24 (4:1) 9-36 48 (4:1) 18-72	3.3, 5, 12, 15 / ±5, ±12, ±15	1500	DIP	stabilizowane /ochrona SC regulated /SC protection	25.4×25.4×11.2	
TP05DA	5	12 (2:1) 9-18 24 (2:1) 18-36 48 (2:1) 36-72 24 (4:1) 9-36 48 (4:1) 18-72	3.3, 5, 12, 15, 24 / ±5, ±12, ±15	1500	DIP	stabilizowane /ochrona SC regulated /SC protection	31.75×20.32×11.2	
TP05DB	5	5 (2:1) 4.5-9 12 (2:1) 9-18 24 (2:1) 18-36 48 (2:1) 36-72 24 (4:1) 9-36 48 (4:1) 18-72	3.3, 5, 12, 15, 24 / ±5, ±12, ±15, ±24	1500	DIP	stabilizowane /ochrona SC regulated /SC protection	25.4×25.4×11.2	
TP06DA	6	12 (2:1) 9-18 24 (2:1) 18-36 48 (2:1) 36-72 24 (4:1) 9-36 48 (4:1) 18-72	3.3, 5, 12, 15, 24 / ±5, ±12, ±15	1500	DIP	stabilizowane /ochrona SC regulated /SC protection	31.75×20.32×11.2	
TP06DB	6	12 (2:1) 9-18 24 (2:1) 18-36 48 (2:1) 36-72 24 (4:1) 9-36 48 (4:1) 18-72	3.3, 5, 12, 15 / ±5, ±12, ±15	1500	DIP	stabilizowane /ochrona SC regulated /SC protection	25.4×25.4×11.2	
TP10DC	10	12 (2:1) 9-18 24 (2:1) 18-36 48 (2:1) 36-72 24 (4:1) 9-36 48 (4:1) 18-72	3.3, 5, 12, 15 / ±5, ±12, ±15	1500	DIP	stabilizowane /ochrona SC regulated /SC protection	50.8×25.4×11.2	
TP15DC	15	12 (2:1) 9-18 24 (2:1) 18-36 48 (2:1) 36-72	3.3, 5, 12, 15 / ±5, ±12, ±15	1500	DIP	stabilizowane /ochrona SC regulated /SC protection	50.8×25.4×11.2	
TP15DD	15	12 (2:1) 9-18 24 (2:1) 18-36 48 (2:1) 36-72 24 (4:1) 9-36 48 (4:1) 18-72	3.3, 5, 12, 15, 24 / ±5, ±12, ±15	1500	DIP	stabilizowane /ochrona SC regulated /SC protection	50.8×40.6×11.2	
TP20DD	20	12 (2:1) 9-18 24 (2:1) 18-36 48 (2:1) 36-72 24 (4:1) 9-36 48 (4:1) 18-72	3.3, 5, 12, 15, 24 / ±5, ±12, ±15	1500	DIP	stabilizowane /ochrona SC regulated /SC protection	50.8×40.6×11.2	
TP25DD	25	12 (2:1) 9-18 24 (2:1) 18-36 48 (2:1) 36-72	3.3, 5, 12, 15, 24 / ±5, ±12, ±15	1500	DIP	stabilizowane /ochrona SC regulated /SC protection	50.8×40.6×11.2	
TP25DG	25	12 (2:1) 9-18 24 (2:1) 18-36 48 (2:1) 36-72 24 (4:1) 9-36 48 (4:1) 18-72	3.3, 5, 12, 15, 24 / ±5, ±12, ±15	1500	DIP	stabilizowane /ochrona SC regulated /SC protection	50.8×50.8×11.2	
TP30DG	30	12 (2:1) 9-18 24 (2:1) 18-36 48 (2:1) 36-72 24 (4:1) 9-36 48 (4:1) 18-72	3.3, 5, 12, 15, 24 / ±5, ±12, ±15	1500	DIP	stabilizowane /ochrona SC regulated /SC protection	50.8×50.8×11.2	
TP40DG	40	12 (2:1) 9-18 24 (2:1) 18-36 48 (2:1) 36-72	3.3, 5, 12, 15, 24 / ±5, ±12, ±15	1500	DIP	stabilizowane /ochrona SC regulated /SC protection	50.8×50.8×11.2	









# Konwertery DC-DC / DC-DC Converters

Seria Series	Moc Power (W)	Napięcie wejściowe Input voltage (V)	Napięcie wyjściowe Output voltage (V)	Izolacja Isolation (V)	Obudowa Package	Stabilizacja napięcia wyjściowego Output regulation	Wymiary Dimensions (mm)	Podgląd produktu Product view
TPTE-W2	0.25	3.3, 5, 12	3.3, 5, 9, 12, 15	1000	SMD	niestabilizowane un-regulated	12.7×7.7×6.1	
TPTV-W2	0.25	3.3, 5, 12, 24	±5, ±9, ±12, ±15 / 3.3, 5, 9, 12, 15	3000	SMD	niestabilizowane un-regulated	15.24×7.7×6.1	
TPTE	1	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15	1000	SMD	niestabilizowane un-regulated	12.7×7.7×6.1	
TPTA-A	1	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15	1000	SMD	niestabilizowane un-regulated	15.24×7.7×6.1	
TPTA	1	3.3, 5, 12, 15, 24	±3.3, ±5, ±9, ±12, ±15	1000	SMD	niestabilizowane un-regulated	15.24×7.7×6.1	
TPTV	1	3.3, 5, 12, 24	±5, ±9, ±12, ±15 / 3.3, 5, 9, 12, 15	3000	SMD	niestabilizowane un-regulated	15.24×7.7×6.1	
TPLE-W1	0.1	3.3, 5, 12	3.3, 5, 9, 12, 15	1000	SIP/DIP	niestabilizowane un-regulated	SIP: 11.48×6.0×10.0 DIP: 11.50×9.8×6.8	
TPLE	0.25	3.3, 5, 12, 24	3.3, 5, 9, 12, 15	1000	SIP/DIP	niestabilizowane un-regulated	SIP: 11.48×6.0×10.0 DIP: 11.50×9.8×6.8	
TPR-W25	0.25	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24	3000	SIP	niestabilizowane un-regulated	19.5×6.0×10.0	
TPV-W25	0.25	5, 12	5, 9, 12, 15	3000	SIP	niestabilizowane un-regulated	19.50×6.0×10.0	
TPD-W5	0.5	5, 12	3.3, 5, 9, 12, 15	3000 (we/wy,wy/wy) (in/out, out/out)	SIP/DIP	niestabilizowane un-regulated	SIP: 19.50×6.0×10.0 DIP: 19.50×9.8×6.8	
TPLE-W5	0.5	3.3, 5, 12	3.3, 5, 9, 12, 15	1000	SIP/DIP	niestabilizowane un-regulated	SIP: 11.48×6.0×10.0 DIP: 11.50×9.8×6.8	
TPR-W5	0.5	5, 12, 15, 24	5, 12, 15	3000	SIP	niestabilizowane un-regulated	19.5×6.0×10.0	
TPV-W5	0.5	3.3, 5, 12, 15, 24, 48	3.3, 5, 9, 12, 15, 24 / ±5, ±9, ±12, ±15	3000	SIP/DIP	niestabilizowane un-regulated	SIP: 19.50×6.0×10.0 DIP: 19.50×9.8×6.8	
TKA-A	1	3.3, 5, 12, 24	3.3, 5, 9, 12, 15, 24	3000	SIP/DIP	niestabilizowane un-regulated	SIP: 16.55×5.95×7.55 DIP: 19.50×9.8×5.4	

# Konwertery DC-DC nieizolowane / DC-DC Converters non-isolated Series

Series	Moc Power (W)	Napięcie wejściowe Input voltage (V)	Napięcie wyjściowe Output voltage (V)	Izolacja Isolation (V)	Obudowa Package	Stabilizacja napięcia wyjściowego Output regulation	Wymiary Dimensions (mm)	Podgląd produktu Product view
TP78XX-0.5	/	12, 24	1.5, 1.8, 2.5, 3.3, 5.0, 6.5, 9.0, 12, 15	0	SIP	stabilizowane/ochrona SC regulated/SC protection	10.5×11.6×7.5	
TP78XX-1	/	12	1.5, 1.8, 2.5, 3.3, 5.0	0	SIP	stabilizowane/ochrona SC regulated/SC protection	10.5×11.6×7.5	
TP78LXX-1	/	12, 24	1.5, 1.8, 2.5, 3.3, 5.0, 6.5, 9.0, 12, 15	0	SIP	stabilizowane/ochrona SC regulated/SC protection	17.5×11.5×9.0	
TP78LXX-1.5	/	12	1.5, 1.8, 2.5, 3.3, 5.0, 6.5	0	SIP	stabilizowane/ochrona SC regulated/SC protection	17.5×11.5×9.0	
TP78XX-2	/	12	1.5, 1.8, 2.5, 3.3, 5.0, 6.5	0	SIP	stabilizowane/ochrona SC regulated/SC protection	17.5×11.5×9.0	

# Konwertery AC-DC / AC-DC Converters

Series	Moc Power (W)	Napięcie wejściowe Input voltage (V)	Napięcie wyjściowe Output voltage (V)	Izolacja Isolation (V)	Obudowa Package	Stabilizacja napięcia wyjściowego Output regulation	Wymiary Dimensions (mm)	Podgląd produktu Product view
TP03AA	3	220 (2:1) 165~265 220 (4:1) 85~265	5, 12, 15, 24 ±5, ±12, ±15, ±24	2500	DIP	stabilizowane/ochrona SC regulated/SC protection	37.0×18.5×16.5	
TP03AC	3	220 (2:1) 165~265 220 (4:1) 85~265	5, 12, 15, 24 ±5, ±12, ±15, ±24	2500	DIP	stabilizowane/ochrona SC regulated/SC protection	37.0×18.5×16.5	
TP03AR	3	220 (2:1) 165~265 220 (4:1) 85~265	5, 12, 15, 24 ±5, ±12, ±15, ±24	2500	DIP	stabilizowane/ochrona SC regulated/SC protection	48.5×36.0×20.5	
TP05AR	5	220 (2:1) 165~265 220 (4:1) 85~265	5, 12, 15, 24 ±5, ±12, ±15, ±24	2500	DIP	stabilizowane/ochrona SC regulated/SC protection	48.5×36.0×20.5	
TP05AS	5	220 (2:1) 165~265 220 (4:1) 85~265	5, 12, 15, 24 ±5, ±12, ±15, ±24	2500	DIP	stabilizowane/ochrona SC regulated/SC protection	55.0×45.0×20.5	
TP10AS	10	220 (2:1) 165~265 220 (4:1) 85~265	5, 12, 15, 24 ±5, ±12, ±15, ±24	2500	DIP	stabilizowane/ochrona SC regulated/SC protection	55.0×45.0×20.5	
TP10AT	10	220 (2:1) 165~265 220 (4:1) 85~265	5, 12, 15, 24 ±5, ±12, ±15, ±24	2500	DIP	stabilizowane/ochrona SC regulated/SC protection	62.0×45.0×22.5	
TP15AT	15	220 (2:1) 165~265 220 (4:1) 85~265	5, 12, 15, 24 ±5, ±12, ±15, ±24	2500	DIP	stabilizowane/ochrona SC regulated/SC protection	62.0×45.0×22.5	
TP20AU	20	220 (2:1) 165~265 220 (4:1) 85~265	5, 12, 15, 24 ±5, ±12, ±15, ±24	2500	DIP	stabilizowane/ochrona SC regulated/SC protection	70.0×48.0×23.5	
TP25AU~30AU	25/30	220 (2:1) 165~265 220 (4:1) 85~265	5, 12, 15, 24 ±5, ±12, ±15, ±24	2500	DIP	stabilizowane/ochrona SC regulated/SC protection	70.0×48.0×23.5	