

TDK DC to DC Converters, DC to AC Inverters

1.5W

40E D ■ 8821248 0004996 7 ■ TDKA

T D K CORP

T-57-11

ELECTRICAL CHARACTERISTICS

Part No.	Input voltage (V)	Output*1 voltage (V)	Output current (mA)	Ripple and noise voltage*2 (% p-p)	Output voltage stability depending on:			Efficiency*3 (% min.)	Input-output isolation	Weight (g)
					Input (% typ.)	Load (% typ.)	Temp. (%/°C) typ.			
CAK-0505F	5 ± 10%									
CAK-1205F	12 ± 10%	5 ± 5%	0 to 250	1.0	0.05	0.4	0.01			
CAK-2405F	24 ± 10%									
CAK-0512F	5 ± 10%									
CAK-1212F	12 ± 10%	12 ± 5%	0 to 150	1.0	0.06	0.25	0.01	60	Dielectric strength 1 minute 500Vac Resistance 50MΩ min. 500Vdc	15
CAK-2412F	24 ± 10%									
CAK-0515F	5 ± 10%									
CAK-1215F	12 ± 10%	15 ± 5%	0 to 130	1.0	0.07	0.2	0.01			
CAK-2415F	24 ± 10%									
CAK-001AF	5 ± 10%									
CAK-001LF	12 ± 10%	± 12 ± 5%	(0 to 60) x 2	1.0	0.03	0.03	0.01		Dielectric strength 1 minute 500Vac Resistance 50MΩ min. 500Vdc	15
CAK-001MF	24 ± 10%									
CAK-002AF	5 ± 10%									
CAK-002LF	12 ± 10%	± 15 ± 5%	(0 to 50) x 2	1.0	0.03	0.03	0.01	50		
CAK-002MF	24 ± 10%									

*1 Tolerance of output voltage includes fluctuations in the input (± 10%), load (0 to 100%) and temperature (-10 to +70°C [14 to 158°F]). Ripple and noise voltage are included.

*2 Measured with a 50MHz bandwidth.

*3 Maximum load at typical input voltage.