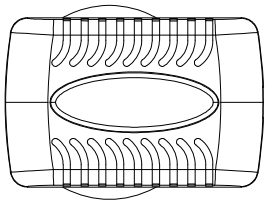
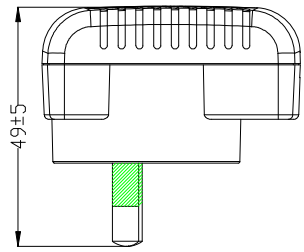
SWITCHING ADAPTER

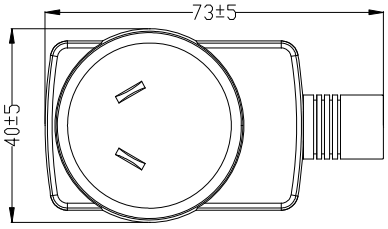
TDC Power Products Co.,Ltd **Cheng Yen Electronic Co.,Ltd**	**SA8S-180-0250**	**INPUT VOLTAGE : 100~240VAC** **OUTPUT VOLTAGE : 18VDC**

SWITCHING POWER SUPPLY SPECIFICATION REV:1-0

Drawing:





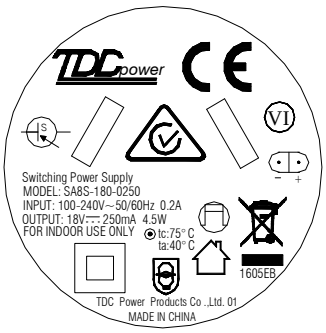


Input Cable : DIRECT PLUG-IN

Output Cable : 2.35mmDC waterproof Female

LABEL:

SIZE:33.2*33.2mm



ELECTRONICAL SPECIFICATION

INPUT VOLTAGE :	100~240 Vac	INPUT RANGE VOLTAGE 90~264 Vac
INPUT FREQUENCY :	50~60 Hz	INPUT RANGE FREQUENCY 47~63 Hz
INPUT CURRENT :	0.2	Amp. rms. at 100 Vac
INRUSH CURRENT :	8	Amp. peak at 120 Vac
	15	Amp. peak at 240 Vac
	Tested At Max. load	25℃ , Cold start
OUTPUT VOLTAGE :	18	V
REGULATION :	±5	%
MIN. LOAD CURRENT :	0	A
MAX. LOAD CURRENT :	0.25	A
RIPPLE AND NOISE :	300	mVp-p Max. At 100~240 Vac, 50/60 Hz, Max. load 25℃
NOISE TEST BANDWIDTH :	20	MHz

Each output bypassed by a 10uF electrolytic capacitor parallel with a 0.1uF ceramic capacitor to GND.

LINE REGULATION : INPUT = 100 ~ 240 Vac. output loaded at Max. load.
REGULATION = ± 5 %

TOTAL OUTPUT : 4.5 W

POWER EFFICIENCY : 75% Min. at 100~240 Vac 50/60 Hz. Max. load.

AVERAGE EFFICIENCY : 77% Min. at 100~240 Vac 50/60 Hz.

OVER CURRENT PROTECTION : 0.3 A Max. at 100~240 Vac 50/60 Hz. Max. load.

SHORT CIRCUIT PROTECTION : 5 W Max. at 100~240 Vac 50/60 Hz. Max. load.

TOTAL POWER PROTECTION : 10 W LOW POWER COMSUMPTION : 0.1 W max.

MECHANICAL SPECIFICATION

DIMENSIONS:	73 (L) * 40 (W) * 49(H)mm (Tolerance as drawing)
WEIGHT:	42 g Max.
OPERATING TEMPERATURE:	-20℃ To 40℃
STORAGE TEMPERATURE:	-30℃ To 60℃
RELATIVE TEMPERATURE:	40℃ ± 2℃

MTBF≧ 100,000 hrs to MIL-HDBK-217F Warranty: 2 years

STANDARD

Safty: EN61347-1,EN61347-2-13.

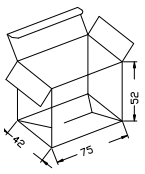
EMC: EN55015,EN61000-3-2,EN61000-3-3,EN61547.

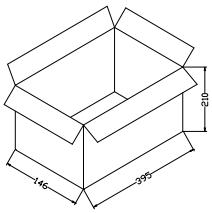
RELATIVE HUMIDITY 85% **RH. Non-condensing**

INNER BOX:

Material:WEB

BOX:75*42*52mm





CARTON:395*146*210mm
Material:K=A NoNail
Q'TY 60 PCS
N.W. : 2.5 KGS
G.W.: 4.5 KGS
MEAS: 0.43 CUFT

PHOTO

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