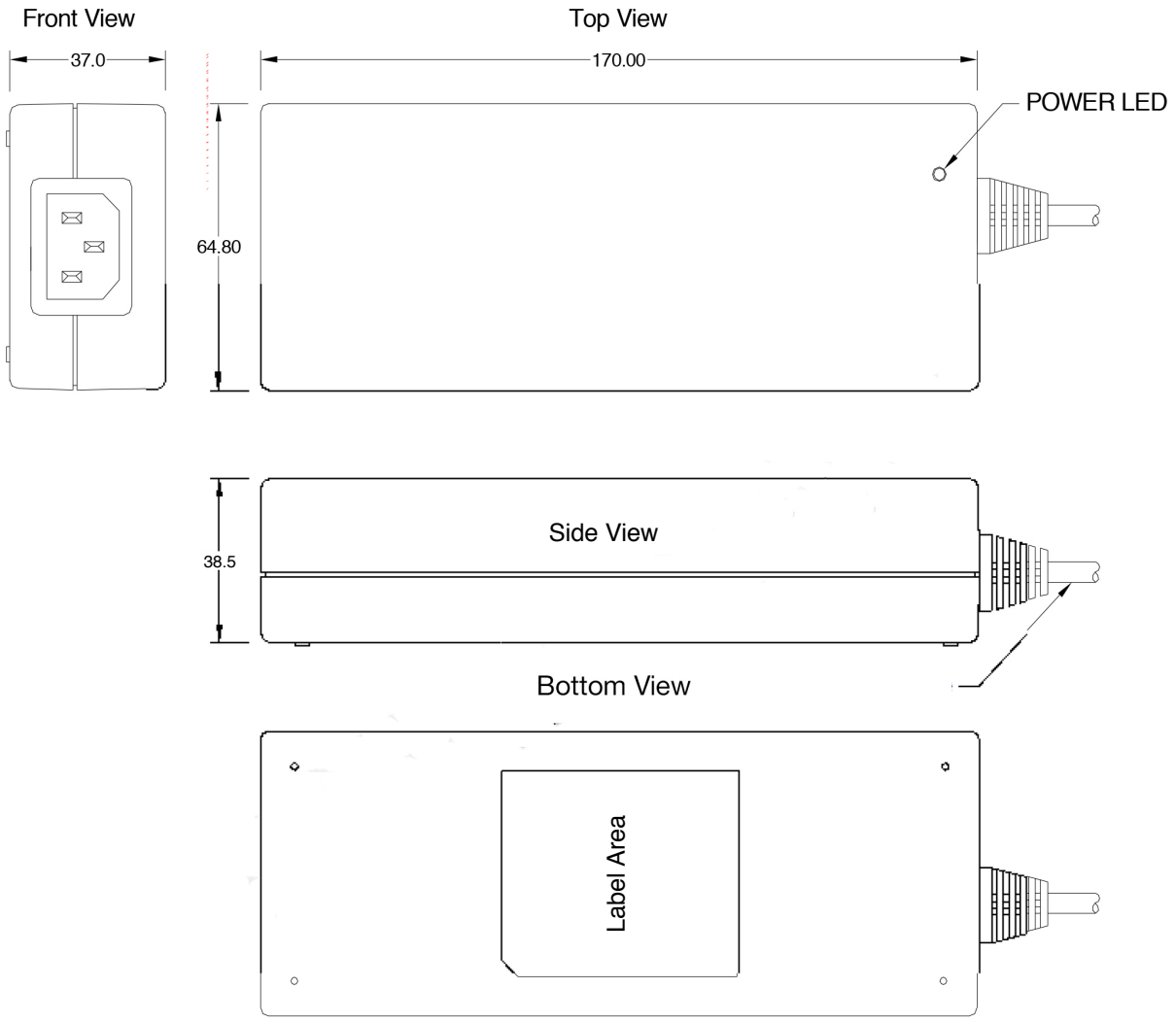
DTD120-SX-F-W6 120W External Power Supply

FEATURES:
3-pole IEC320-C14 AC inlet, Class I
Output voltage range from +12V to +48V
Meet Efficiency Level VI & CoC V5 Tier 2 requirements
No load Power consumption < 150mW
Power ON LED indicator
3 year warranty

Output voltage and constant current level can be adjusted through potential meter. Constant current level adjustable through output cable with 1~10Vdc.

	MODEL/CHANNEL	Unit	DTD120-12SX-F-W	DTD120-19SX-F-W	DTD120-24SX-F-W	DTD120-28SX-F-W	DTD120-48SX-F-W
OUTPUT	Norminal Voltage	[V]	12	19	24	28	48
	Norminal Current	[A]	8.33	6.3	5	4.3	2.5
	Output Regulation	[A]	5	5	5	5	5
	Output Power	W	100	120	120	120	120
	Ripple & Noise Max	[mV]	240	240	240	240	240
	Turn-on Time Typ.	[ms]	800 (AC IN 100V, Io=100%)				
INPUT	Input Voltage Range	[V]	90-264VAC				
	Frequency:	[A]	47-63Hz				
	Input Current(rms):	[%]	2A @ 90Vac; 1A @ 264Vac max				
	Power factor	-	>0.9(20%~100%Load)				
	Efficiency	%	>80% @ full load, 115VAC				
	CEC	%	No load power consumption <0.3 W @240 VAC				
Protection	Short circuit protection	[V]	Auto Recovery				
	Over Voltage Protection	[A]	AC Recycle				
Environmental Agencies	Safety Standards	-	CISPR 22 Class B,FCC Part 15 Class B,EN 55022 Class B, EN 61000-3-2 Class D, EN 55024, CE				
	EMC Standards	-	UL 60950 CSA 22.2-No.60950-1 TUV EN60950-1 CB IEC 60950-1 PSE J60950 CCC				
Environment	Operating temp. & Humidity	-	0 to ±40°C				
	Storage temp. & Humidity	-	-10 to +70°C				
	MTBF demonstrated	-	>80'000 hours at full load and 25 °C ambient temperature				
Dimension	Size(WxHxD) / Weight	mm/g	L170×W64.8×H37mm				

MECHANICAL SPECIFICATION AC/DC Switching Adapter - Single Output



Note:
1. AC Inlet : IEC320-C14
2. Plastic Case Color : Black
3. Tolerance : ± 0.5mm
4. Unit : mm

STANDARD OUTPUT CABLE

1. AWM 1571 # 14 AWG / 1C + SHIELDING, UL 80°C 30V VW-1, 1050 mm.
2. AWM 1185 # 16 AWG / 1C + SHIELDING, UL 80°C 300V VW-1, 1050 mm.
3. Depends on customers requirements.