

TOP-60 Series ▶ 60 W



- ▶ 4.0" x 2.0" footprint
- ▶ Supplies 60 W with convection cooling
- ▶ Single-, dual- and triple output models
- ▶ Operating temperature range -10 °C to +70 °C
- ▶ Universal input 90–264 VAC
- ▶ Compliance with EN 61000-3-2



Specifications

Input voltage range	90–264 VAC, 47–63 Hz
Line regulation	1.0 % max.
Load regulation	2.0 % max. for single output models 3.0 % max. for multi output models
Ripple & noise (20 MHz BW)	<100 mVpk-pk for 3.3 and 5 VDC models <120 mVpk-pk for other models
EMI emission	EN 55011/22 class B, harmonic current EN 61000-3-2
EMC immunity	EN 61000-6-1
Output current limitation	>110 % of I _{out} max.
Efficiency	85 % typ.
Overvoltage protection	>110 % of V _{out} nom.
Operating temperature	-10 °C to +70 °C (convection cooling) derating 2.0 %/K above 50 °C,
Safety standards / approvals	cUL/UL 60950-1, IEC/EN 60950-1 CB-report
Degree of protection	class I
Full datasheet	www.tracopower.com/products/top60.pdf

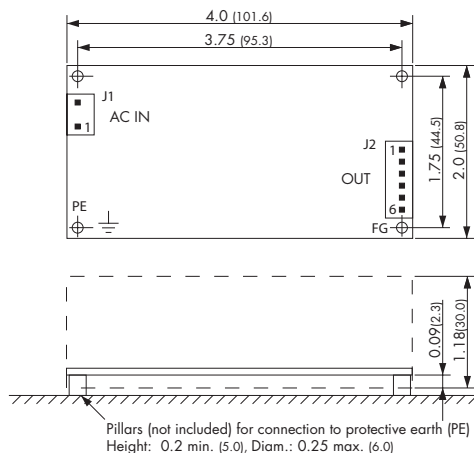
Models

Order code	Output power max.	Output 1	Output 2/3
TOP 60105	55 W	5.0 VDC / 11.0 A	
TOP 60112	60 W	12 VDC / 5.0 A	
TOP 60115	64 W	15 VDC / 4.3 A	
TOP 60124	64 W	24 VDC / 2.7 A	
TOP 60148	64 W	48 VDC / 1.35 A	
TOP 60252	55 W	+5.0 VDC / 6.0 A ¹⁾	+12 VDC / 3.0 A
TOP 60254	55 W	+5.0 VDC / 6.0 A ¹⁾	+24 VDC / 1.5 A
TOP 60522	55 W	+5.0 VDC / 6.0 A ¹⁾	+12 VDC / 3.0 A -12 VDC / 0.5 A
TOP 60533	55 W	+5.0 VDC / 6.0 A ¹⁾	+15 VDC / 2.4 A -15 VDC / 0.5 A
TOP 60316	38 W	+3.3 VDC / 6.0 A ¹⁾	+5.2 VDC / 3.0 A +12 VDC / 0.5 A
TOP 60317	38 W	+5.0 VDC / 6.0 A ¹⁾	+3.3 VDC / 1.5 A +12 VDC / 0.5 A
TOP 60318	55 W	+5.0 VDC / 6.0 A ¹⁾	+24 VDC / 1.5 A -12 VDC / 0.5 A

1) 8.0 A peak current for max. 10 sec. or with forced air cooling

Total power of multi output models not to exceed nominal power

Dimensions



To comply with EN 55022 class B:
Field ground (FG) and protective earth (PE)
are to be connected to chassis

() = mm