PRODUCT SPEC SHEET

Inline Power Supplies

Inline Power supplies with 1.2m EU AC lead, 1amp, 12v, 1.2 DC cable with 5.5x2.1 plug

FEATURES

Available in 4 amp sizes
WBXIL10EU - 1 AMP - UPC: 840049304307
WBXIL20EU - 2 AMP - UPC: 840049304314
WBXIL35EU - 3 AMP - UPC: 840049304321
WBXIL50EU - 5 AMP - UPC: 840049304345

For more information contact your ADI salesperson or visit us at www.adiglobal.com

Inline Power Supplies

PART # WBXIL10EU / WBXIL20EU / WBXIL35EU/ WBXIL50EU

	WBXIL10EU	WBXIL20EU
Input range	AC100V-240V	AC100V-240V
Input frequency	47-63 Hz	47-63 Hz
Inrush current	＜5A at 230VAC; cold start at 25℃	＜5A at 230VAC; cold start at 25℃
Input current	Max 0.5A at 230VAC	Max 1.0A at 230VAC
Leakage current	< 0.25 mA at 50/60 Hz 240VAC Input	＜3.5mA at 50/60 Hz 264VAC input
Rated output power	12 Watts	24 Watts
Output voltage	12 V±4%	12 V±5%
Output current	1A	2A
Output load efficiency	≥80% at full load	≥80% at full load
Adjustment range	fixed	fixed
Hold-up time	30 ms at full load and 230 VAC nominal line	30 ms at full load and 230 VAC nominal line
OL protection	96% to 104% above peak rating	about 150% above peak rating
Ripple & noise	≤200mV at rated load	≤180mV at rated load
EMI filter	Built-in	Built-in
Isolation	AC3.0 KV/1 min. from input to output	AC3.0 KV/1 min. from input to output
Operating temp.	-10℃ to +40℃ ambient derate each output at 4.0% per degree from 50 ℃ to 60 ℃	-10℃ to +40℃ ambient derate each output at 4.0% per degree from 50 ℃ to 60 ℃
Storage temp.	- 40 ℃ to 85 ℃	- 40 ℃ to 85 ℃
Operating humidity	20% to 90% (non-condensing)	20% to 90% (non-condensing)
MTBF	50,000 hours at full load and 25 ℃ ambient conditions (demonstrated)	50,000 hours at full load and 25 ℃ ambient conditions (demonstrated)
Weight	0.26kgs	0.26kgs
Size	L:90*W:38*H:30±2mm	L:83*W:43*H:29±2mm
Cable	1.2m EU AC lead with 8 figure plug, and 1.2m DC cable with 5.5*2.1mm plug	1.2m EU AC lead with 8 figure plug, and 1.2m DC cable with 5.5*2.1mm plug
Safety Approval	CE	CE

	WBXIL35EU	WBXIL50EU
Input range	AC100V-240V	AC100V-240V
Input frequency	47-63 Hz	47-63 Hz
Inrush current	＜5A at 230VAC; cold start at 25℃	＜5A at 230VAC; cold start at 25℃
Input current	Max 1.5A at 230VAC	Max 1.5A at 230VAC
Leakage current	＜3.5mA at 50/60 Hz 240VAC input	＜3.5mA at 50/60 Hz 240VAC input
Rated output power	42 Watts	60 Watts
Output voltage	12 V±5%	12 V±5%
Output current	3.5A Max.	5A Max.
Output load efficiency	≥80% at full load	≥80% at full load
Adjustment range	fixed	fixed
Hold-up time	30 ms at full load and 230 VAC nominal line	30 ms at full load and 230 VAC nominal line
OL protection	about 150% above peak rating	about 150% above peak rating
Ripple & noise	≤180mV at rated load	≤180mV at rated load
EMI filter	Built-in	Built-in
Isolation	AC1.5 KV/1 min. from input to output	AC1.5 KV/1 min. from input to output
Operating temp.	-10℃ to +40℃ ambient derate each output at 4.0% per degree from 50 ℃ to 60 ℃	-10℃ to +40℃ ambient derate each output at 4.0% per degree from 50 ℃ to 60 ℃
Storage temp.	- 40 ℃ to 85 ℃	- 40 ℃ to 85 ℃
Operating humidity	20% to 90% (non-condensing)	20% to 90% (non-condensing)
MTBF	50,000 hours at full load and 25 ℃ ambient conditions (demonstrated)	50,000 hours at full load and 25 ℃ ambient conditions (demonstrated)
Weight	0.37kgs	0.37kgs
Size	L:117*W:59*H:37±2mm	L:117*W:59*H:37±2mm
Cable	1.2m EU AC lead with 8 figure plug, and 1.2m DC cable with 5.5*2.1mm plug	1.2m EU AC lead with 8 figure plug, and 1.2m DC cable with 5.5*2.1mm plug
Approval	CE	CE