

INLINE POWER SUPPLIES

Product Code -

- WBXIL10UK -1 Amp**
- WBXIL20UK -2 Amp**
- WBXIL35UK -3.5 Amp**
- WBXIL50UK -5 Amp**



Inline Power supplies with 1.2m UK AC lead with 8 figure plug, and 1.2m DC cable with 5.5*2.1mm plug

Accessory Available



WBXPSUSP4

1 X FEMALE TO 4 WAY MALE DC SPLITTER
LEAD COMPATIBLE WITH THE ABOVE POWER
SUPPLIES



DATA SHEET



	WBXIL10UK	WBXIL20UK
Input range	AC100V-240V	AC100V-240V
Input frequency	47-63 Hz	47-63 Hz
Inrush current	< 5A at 230VAC; cold start at 25°C	< 5A at 230VAC; cold start at 25°C
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°C to +40°C ambient derate each output at 4.0% per degree from 50 °C to 60 °C	-10°C to +40°C ambient derate each output at 4.0% per degree from 50 °C to 60 °C
Storage temp.	- 40 °C to 85 °C	- 40 °C to 85 °C
Operating humidity	20% to 90% (non-condensing)	20% to 90% (non-condensing)
MTBF	50,000 hours at full load and 25 °C ambient conditions (demonstrated)	50,000 hours at full load and 25 °C 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 UK AC lead with 8 figure plug, and 1.2m DC cable with 5.5*2.1mm plug	1.2m UK AC lead with 8 figure plug, and 1.2m DC cable with 5.5*2.1mm plug
Safety Approval	CE	CE

	WBXIL35UK	WBXIL50UK
Input range	AC100V-240V	AC100V-240V
Input frequency	47-63 Hz	47-63 Hz
Inrush current	< 5A at 230VAC; cold start at 25°C	< 5A at 230VAC; cold start at 25°C
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°C to +40°C ambient derate each output at 4.0% per degree from 50 °C to 60 °C	-10°C to +40°C ambient derate each output at 4.0% per degree from 50 °C to 60 °C
Storage temp.	- 40 °C to 85 °C	- 40 °C to 85 °C
Operating humidity	20% to 90% (non-condensing)	20% to 90% (non-condensing)
MTBF	50,000 hours at full load and 25 °C ambient conditions (demonstrated)	50,000 hours at full load and 25 °C 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 UK AC lead with 8 figure plug, and 1.2m DC cable with 5.5*2.1mm plug	1.2m UK AC lead with 8 figure plug, and 1.2m DC cable with 5.5*2.1mm plug
Approval	CE	CE

Warranty 36 months

