

BET-0600M

60 Watt

- ✓ Desktop adapter for medical devices
- ✓ Class 2 equipment – without PE
- ✓ Compliant with ErP and CEC level V
- ✓ Robust construction
- ✓ High reliability due to quality components like Japanese long life capacitors
- ✓ Certified to latest medical approvals 60601-1
- ✓ Designed according to EN60335-1



Technical data

Input voltage	90...264 V AC
Input frequency	50...60 Hz
Input current	1.6 A max.
Inrush current	80 A max (230 V AC)
Efficiency	≥87 %
Idle consumption	≤0.3 W (230 V AC)
Hold up time	>16 ms / 115 V AC
Protection	Short circuit protection, overvoltage protection, overload protection: Switch off with auto recovery
Insulation voltage	Input / Output: 6964 VDC (2x MOPP)
Line regulation	±≤2 %
Load regulation	±≤4 %
Leakage current	<100 µA touch current (264 V AC / 60 Hz)
Safety / EMC	Designed according to CCC, CE, CB IEC60601-1:2005+A1:2012 (Edition 3.1), EN60601-1:2006+A1:2013 (Edition 3.1), ANSI/AAMI ES60601-1:2005 (3rd Edition)
Temperature	Operating: -20...+60 °C / Storage: -20...+85 °C
Derating	In the range of +40...+60 °C, 2.5 % / °C
Max. operation altitude	5000 m
MTBF	> 863 000 h according to Telcordia SR-332 at +25 °C
Humidity	Operating: 10...85 % RH, non-condensing / Storage: 10...90 % RH, non-condensing
Dimensions (WxDxH)	60 x 119 x 36 mm ±0.5 mm
Weight (net)	0.31 kg

Product specific data

ECO standard	ErP directive 2009/125/EG, CEC level V and CoC Tier2
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Article No.	Output voltage	Output current min	Output current rated load	Ripple & Noise	Efficiency
BET-0612M	+12 V	0 A	5 A	<120 mV _{SS}	≥ 87 %
BET-0619M	+19 V	0 A	3.4 A	<190 mV _{SS}	≥ 87 %
BET-0624M	+24 V	0 A	2.7 A	<240 mV _{SS}	≥ 87 %

Ripple and Noise was measured by a 20 MHz bandwidth limited oscilloscope with connected 0.1 µF and 10 µF capacitors at the output. Output voltage was adjusted to ±2 % at 60 % load. The final assembly has to comply with the valid EMC and safety standards.

Optional Accessories

▷▷▷ For detailed information please visit our website www.bicker.de and refer to the article number.

KP-01 | Cling pad

Cling pad for fast and easy attachment of desktop adapters, 113 x 45 mm, self-adhesive



X1-135 | Power cord

With European IEC-60320-C7 connector
Length 1800 mm



PSZ-1008 | Female adapter

DC jack on screw terminal,
DC jack: 2.5 x 5.5 mm, AWG 26-12,
Nominal current 5A max.



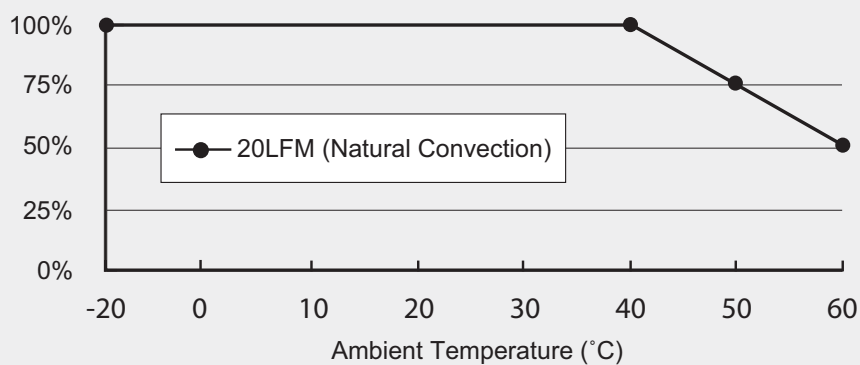
CB-TRG-EXT | DC extension cable

Extension cable for desktop adapters with DC plug and jack

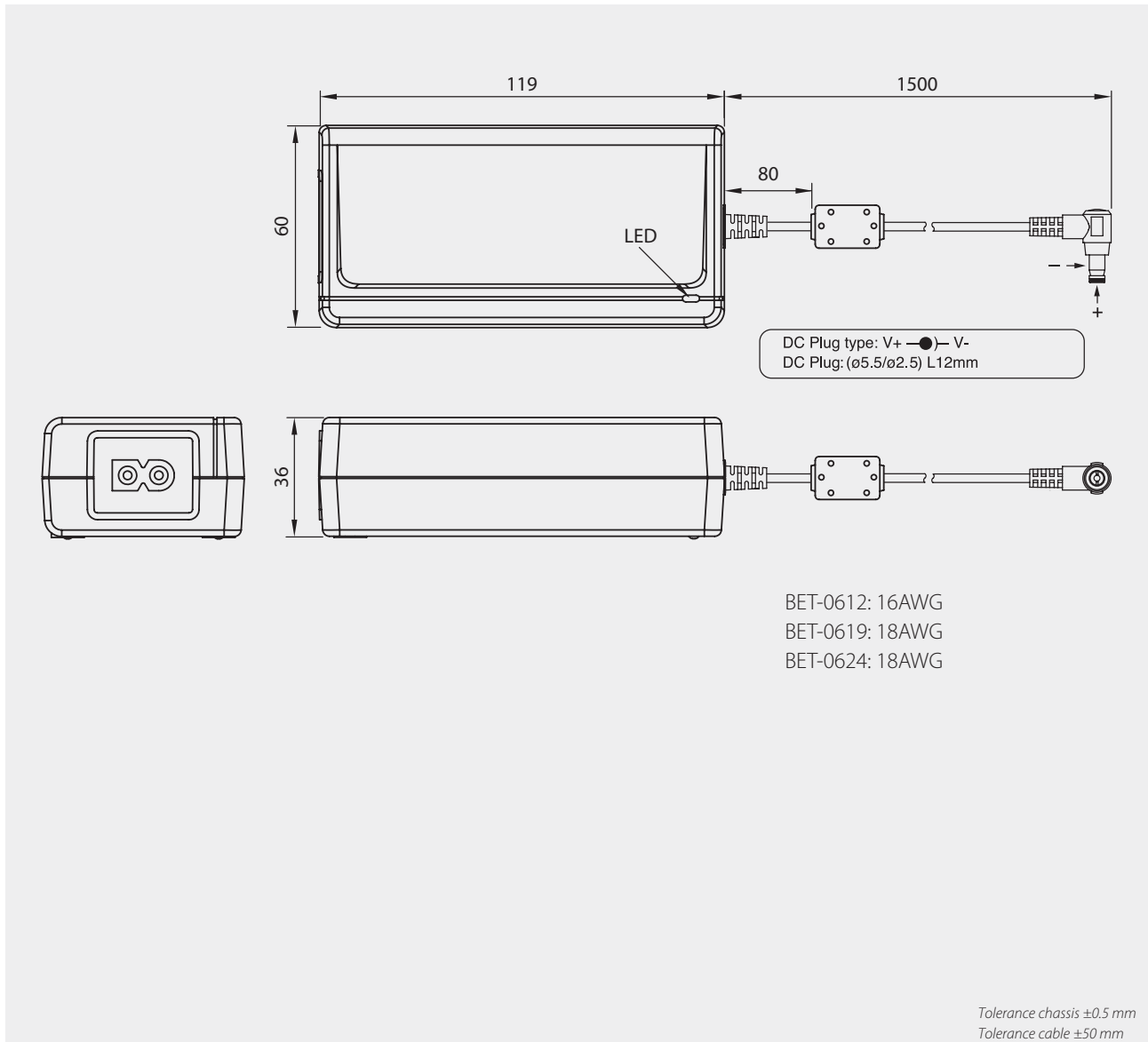


Desktop adapter

Derating



Drawing BET-0600M



Desktop adapter

Specification is subject to change without notice. Errors excepted. Status as at: 22.09.2017