

BEA-576H

760 Watt



- ✓ Efficiency up to 86 %
- ✓ Excellent regulation
- ✓ Designed for continuous operation 24/7
- ✓ EN/UL 62368-1 certified
- ✓ High reliability due to quality components
- ✓ No minimum load required
- ✓ Safety clip prevents accidental disconnection of mains plug



AC input

Technical data	
Input voltage	90...264 VAC
Input frequency	47...63 Hz
Input current	12 A (115 VAC) / 6 A (230 VAC)
Inrush current	20 A (115 VAC) / 40 A (220 VAC)
Efficiency	83...86% (at 115 VAC)
Standby consumption	2.4 W
Hold up time	>16 ms
Power-Good-Signal	Switch on delay 100...500 ms Switch off delay 1 ms
Protection	Short circuit protection: At each output, switch off / +5V _{sb} , auto recovery Overload protection: 130...170%, switch off Overvoltage protection: +3.3 V (+3.6...+4.3 V), +5 V (+5.6...+6.7 V), +12 V (+13.2...+15 V) Overcurrent protection: +3.3 V (29.7...40.2 A), +5 V (29.7...40.2 A), +12 V (63.7...86.2 A)
Insulation voltage	Input / Chassis 3100 VDC, Input / Output 4242 VDC
Earth leakage current	<1.5 mA, 250 VAC
Safety / EMC	TÜV, UL, CE, CCC, EN 61000-6-2, EN 61000-6-4, EN/UL62368-1
Temperature	Operating: 0...+70 °C / startable from -25 °C / Storage: -20...+80 °C
Derating	From +50...+70 °C, 1% / °C
Max. operating altitude	3100 m
MTBF	>143600 h according to MIL-HDBK-217F at +25 °C without fan
Humidity	Operating: 10...85% RH, non-condensing / Storage: 10...90% RH, non-condensing
Dimensions (WxDxH)	150 x 160 x 86 mm ±0.5 mm
Weight (net)	2.6 kg

Article No.	Output voltage	Output current		Load regulation	Ripple & Noise
		min	max		
BEA-576H	+3.3V	0 A	25 A	±5 %	50 mV
	+5 V	0 A	25 A	±5 %	50 mV
	+12V	0 A	55 A	±5 %	120 mV
	-12V	0 A	0.8 A	±5 %	120 mV
	+5V _{sb}	0 A	3.5 A	±5 %	50 mV

Max. output power is 760 W, combined output current at +3.3 V and +5 V must not exceed 40 A. Ripple and noise was measured by a 20 MHz oscilloscope with connected 220 µF electrolytic capacitor and 0.1 µF ceramic capacitor at each output.

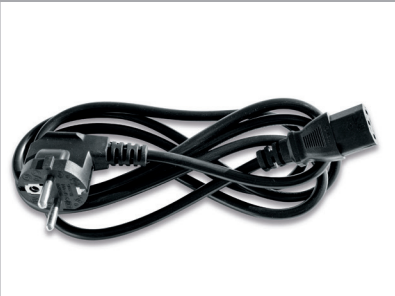
This power supply is for assembly purposes only and it must not be operated in unassembled condition. The final assembly has to comply with the valid EMC standards.

Optional Accessories

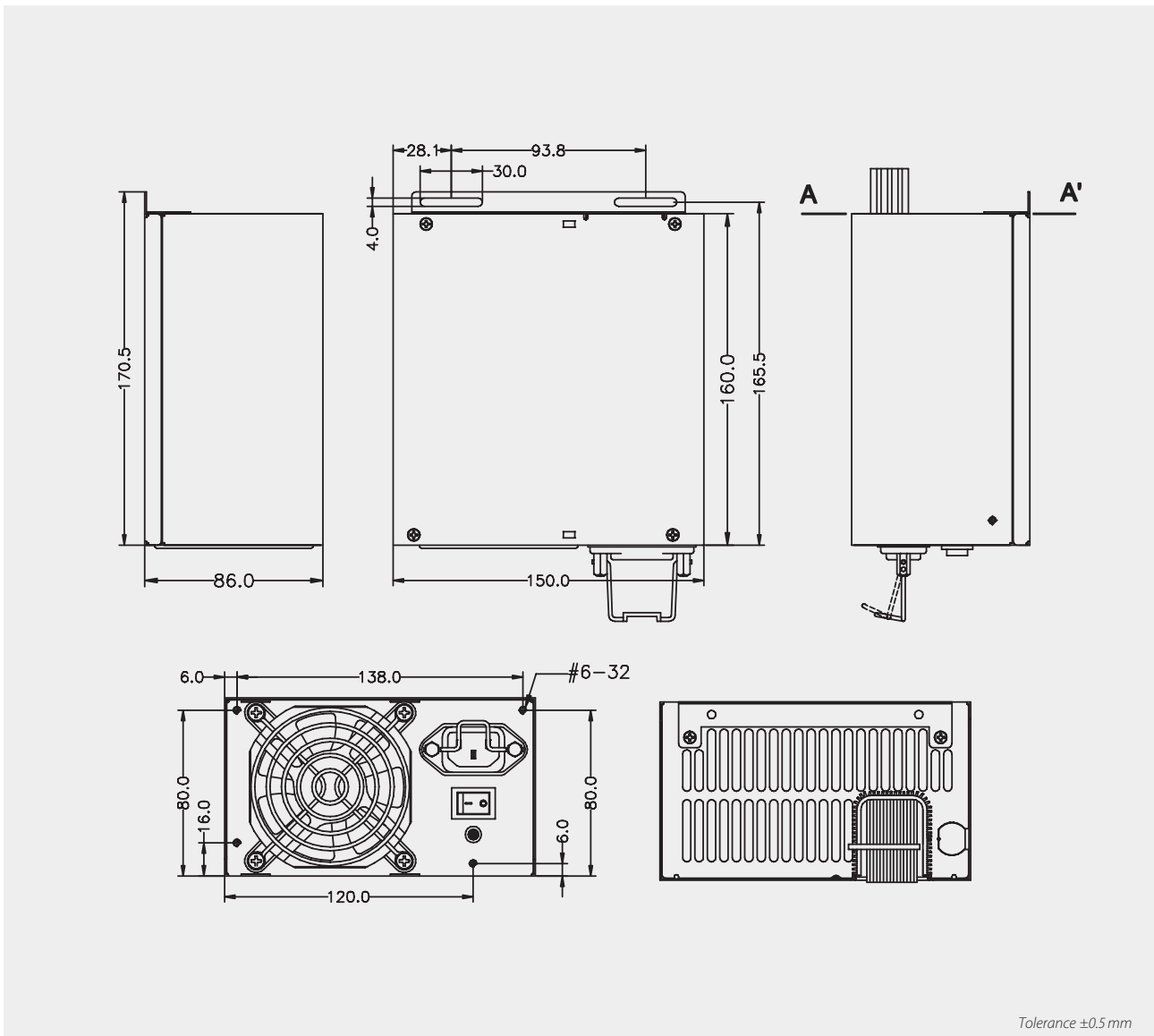
▷▷▷ For detailed information please visit our website www.bicker.de and refer to the article number.

X1-132 | Power cord

With IEC-60320-C13 connector,
length 1800 mm



Drawing BEA-576H



Cable harness BEA-576H

PCI Express 6+2, 500 mm



PCI Express 6+2, 500 mm



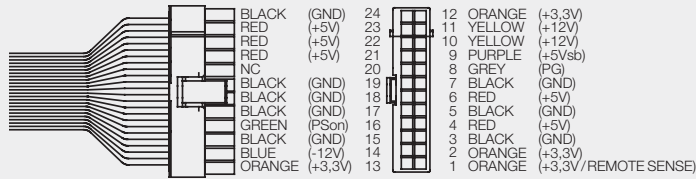
PCI Express 6+2, 500 mm



PCI Express 6+2, 500 mm



ATX, 20+4, 550 mm



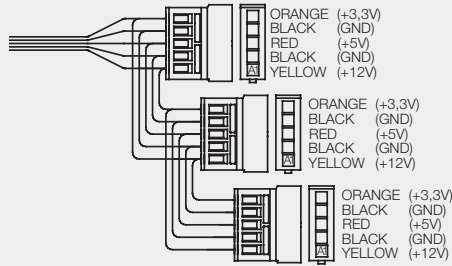
EPS, 550 mm



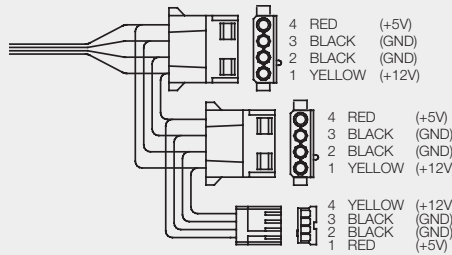
P4, 550 mm



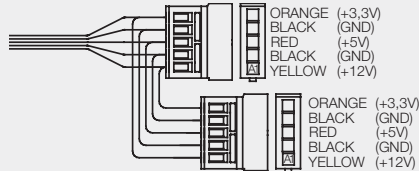
SATA, 400 mm
SATA, 150 mm
SATA, 150 mm



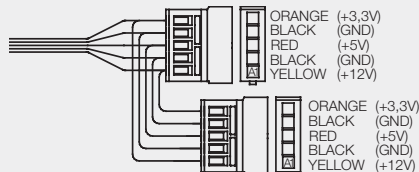
HD, 400 mm
HD, 150 mm
FDD, 150 mm



SATA, 450 mm
SATA, 150 mm



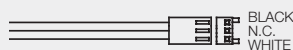
SATA, 450 mm
SATA, 150 mm



SATA 90°, 350 mm
SATA 90°, 500 mm



Fan control, 580 mm



Tolerance ±20mm

Specification is subject to change without notice. Errors excepted. Status as at: 22.07.2019