Plug-In Power Supply

Features

- Supplied with an approx. 1.8 m connector lead and an output connector with an internal diameter of 2.1 mm and an external diameter of 5.5 mm
- Fitted with a european plug
- EN62368-1:2014+ A11:2017 safety standards

Input

Voltage	100 ... 240 VAC
Frequency	50 ... 60 Hz
Protective Device	Fuse, 2 A 250 V
No Load Power Consumption	< 100 mW
Full Load Current @ 500 mA	900 mA

Output

Voltage	5 VDC
Current	3 A

Overall Performance

Total Output Power	15 W max.
Efficiency	Comply with ErP; Level VI

Protection

- Over current protection
- Over voltage protection
- Over power protection
- Short circuit protection
- L.P.S (Limits for power source)

HI-POT

Input to Output	3 kVAC / 5 mA / 50 Hz
Input to Case	3 kVAC / 5 mA / 5 Hz
Output to Case	500 VAC / 5 mA / 50 Hz
Isolation Resistance	100 M Ohms I/P-O/P I/P/Enclosure
Applicance	Class II

Environmental

Operating Temperature	0 ... 40 °C
Storage Temperature	-20 ... 60 °C
Operating Humidity	20%-85% RH. NON-CONDENSING
Storage Humidity	10%-90% RH. NON-CONDENSING

Reliability

MTBF	30000 Hours min.
Burn-In	4 Hours 25℃, Full Load, 220 VAC, 50 Hz

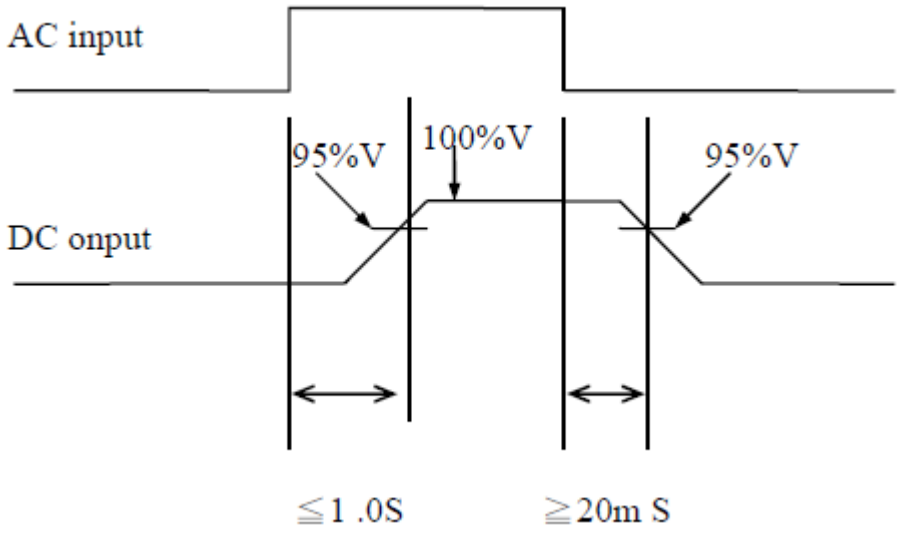
Mechanical Specification

Dimensions	104 mm(L) x 51 mm(W) x 33.7 mm(H) (Excluded Plug) 104 mm(L) x 51 mm(W) x 71 mm(H) (Included Plug)
Input Plug	Direct Plug-In; EU Type
Output Cable	1.8 m Black and White Wires

Approvals

Safety Standards	EN 62368-1:2014+ A11:2017
EMC	EN 61204-3:2000

Other Specifications

TIME SEQUENCE	Time sequence should be satisfied to power ON/OFF, restart in power failure AC switch at ON/OFF 
DROP TEST	Test condition: 6 face, each face 1 time 70 cm, on the 5mm wooden board. RESULT: Without opening of case and crack, etc. electric characteristic shall be satisfied light crack after test is acceptable.
ENVIRONMENTAL TEST	LOW TEMPERATURE STORAGE TEST Keep on -30℃(Packing) for 168 hours, and check the action after 3 hours in 25℃. RESULT: All normal function and meet specification.
	HIGH TEMPERATURE STORAGE TEST Keep on +70℃(Packing) for 168 hours, and check the action after 3 hours in 25℃. RESULT: All normal function and meet specification.
	HIGH HUMIDITY STORAGE TEST Keep on +45℃, 95%RH (Packing) for 168 hours, and check the action after 3hour in 25℃. RESULT: All normal function and meet specification.
	TEMPERATURE CYCLE TEST Keep on -45℃(Packing) for 1 hour, then keep on +85℃(Packing) for 1 hour Repeat this cycle until 10 cycle, check the action after an hour in 25℃. RESULT: All normal function and meet specification.

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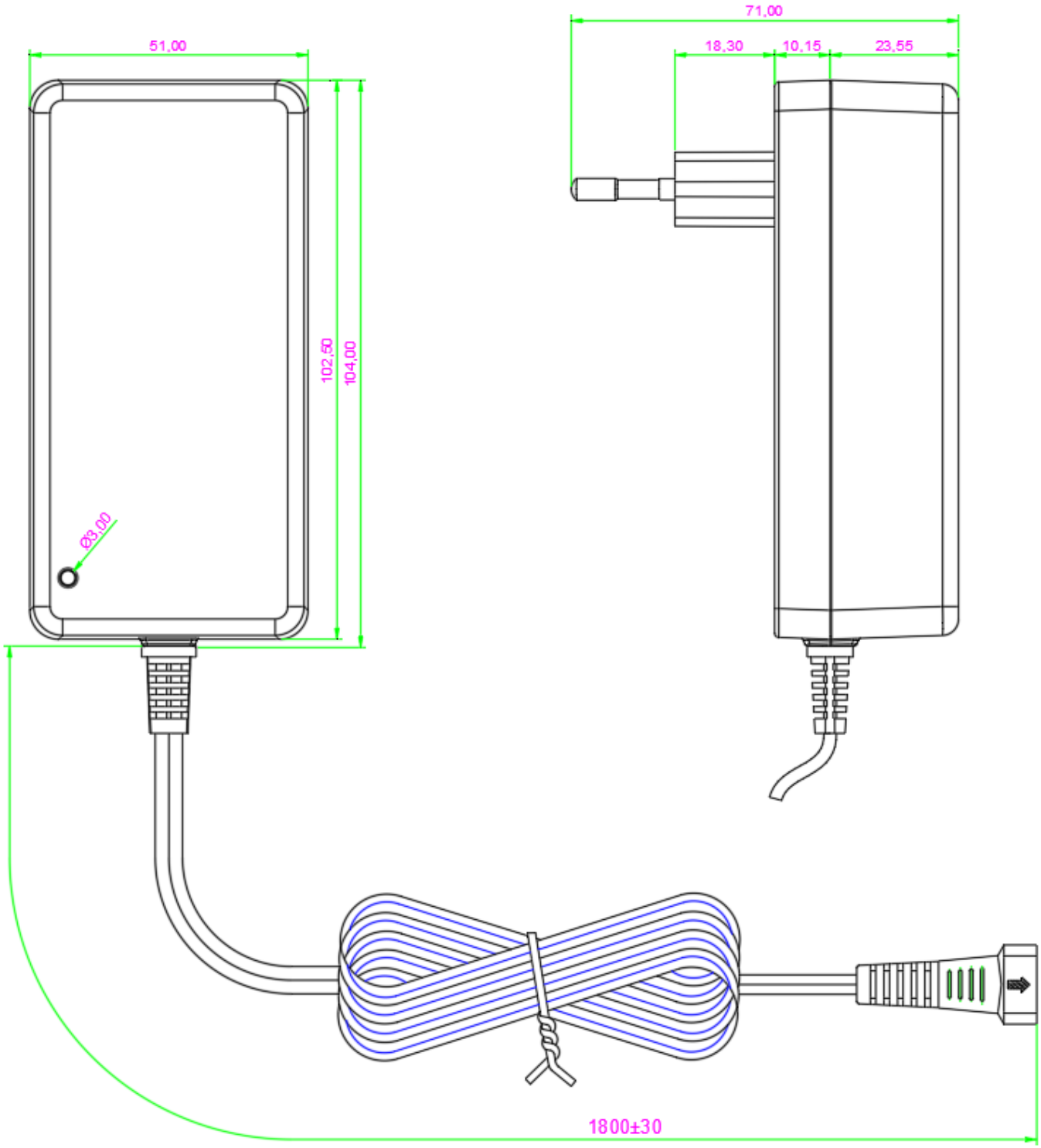
Drawings



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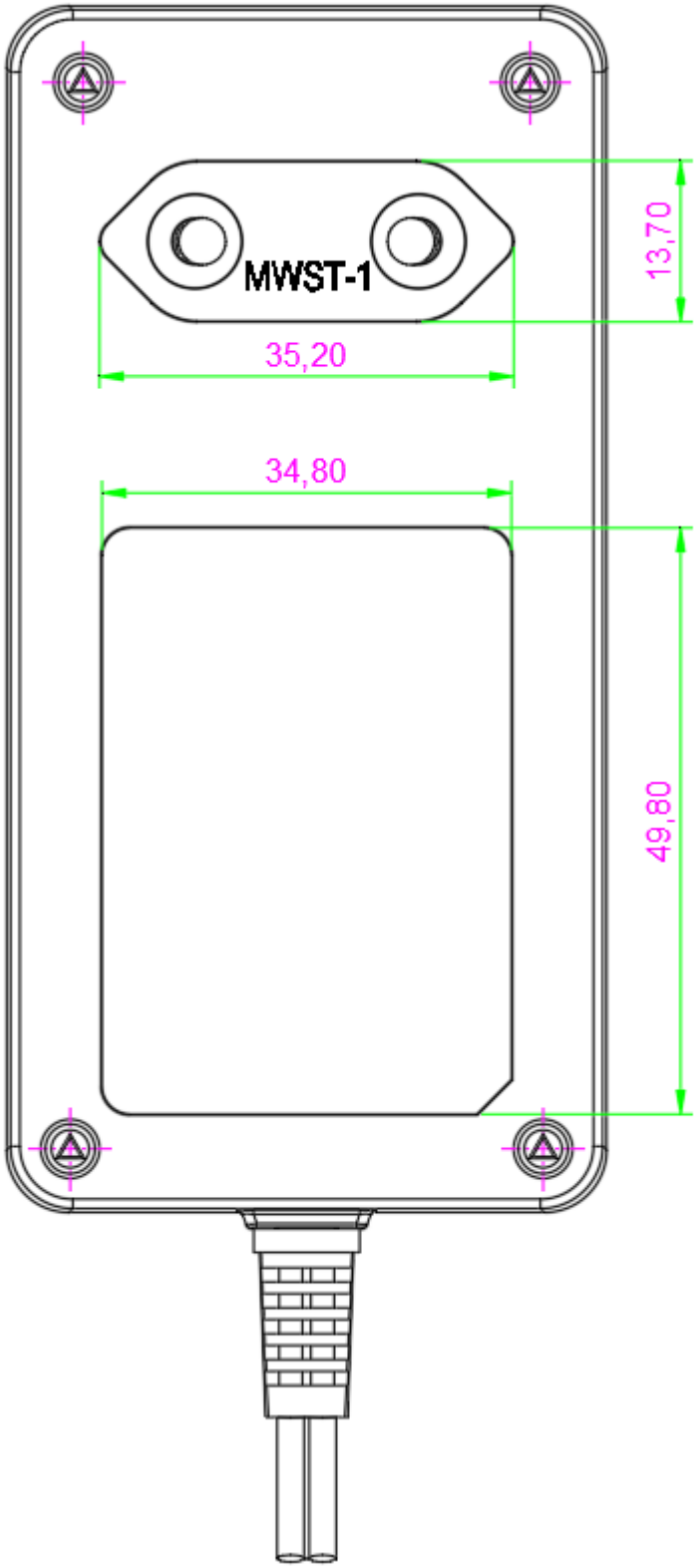

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