

**POWER SUPPLY SPECIFICATION**

MODEL NO.	13/00252-00	ISSUE DATE	2021-07-23
CUSTOMER		REF. NO.	

**INPUT**

INPUT VOLTAGE	100 to 240 Vac
INPUT FREQUENCY	60 / 50 Hz
NO LOAD POWER CONSUMPTION	<0.1W
INPUT FULL LOAD CURRENT (at 100 Vac)	550 mA

**OUTPUT**

OUTPUT VOLTAGE (DC)	3.0 / 4.5 / 5.0 / 6.0 / 7.5 / 9.0 / 12.0V
OUTPUT CURRENT	2.25A

**OVERALL PERFORMANCE**

TOTAL OUTPUT POWER	27.0W Max
AVERAGE ACTIVE EFFICIENCY	Min 75.9% (for 3.0V); Min 78.8% (for 4.5V); Min 79.5% (for 5.0V); Min 83.5% (for 6.0V); Min 84.7% (for 7.5V); Min 85.5% (for 9.0V); Min 86.6% (for 12.0V)
EFFICIENCY AT LOW LOAD (10%)	Min 65.9% (for 3.0V); Min 68.8% (for 4.5V); Min 69.5% (for 5.0V); Min 73.5% (for 6.0V); Min 74.7% (for 7.5V); Min 75.5% (for 9.0V); Min 76.6% (for 12.0V)

**PROTECTION**

■ OVER CURRENT PROTECTION	■ SHORT CIRCUIT PROTECTION
■ OVER VOLTAGE PROTECTION	■ L.P.S (Limits for power source)
■ OVER POWER PROTECTION	□ AUTOMATIC THERMAL PROTECTION

**HI-POT**

INPUT TO OUTPUT	3000Vac 5 mA 50 Hz
INPUT TO CASE	3000Vac 5 mA 50Hz
OUTPUT TO CASE	500 Vac 5 mA 50Hz
ISOLATION RESISTANCE	100 M Ohms I/P-O/P I/P/Enclosure
APPLIANCE	Class II

**ENVIRONMENTAL**

OPERATING TEMPERATURE	0 °C to 25 °C
STORAGE TEMPERATURE	-20 °C to 60 °C
OPERATING HUMIDITY	20%-85% RH. NON-CONDENSING
STORAGE HUMIDITY	10%-90% RH. NON-CONDENSING

**SAFETY STANDARDS**

SAFETY STANDARDS	EN 61558-2-16:2009+A1:2013 conjunction with EN IEC 61558-1:2019
EMC STANDARDS	EN IEC 61204-3:2018

**RELIABILITY**

MTBF	30000 Hours min
BURN-IN	4 Hours 25°C, full load, 220Vac, 50Hz

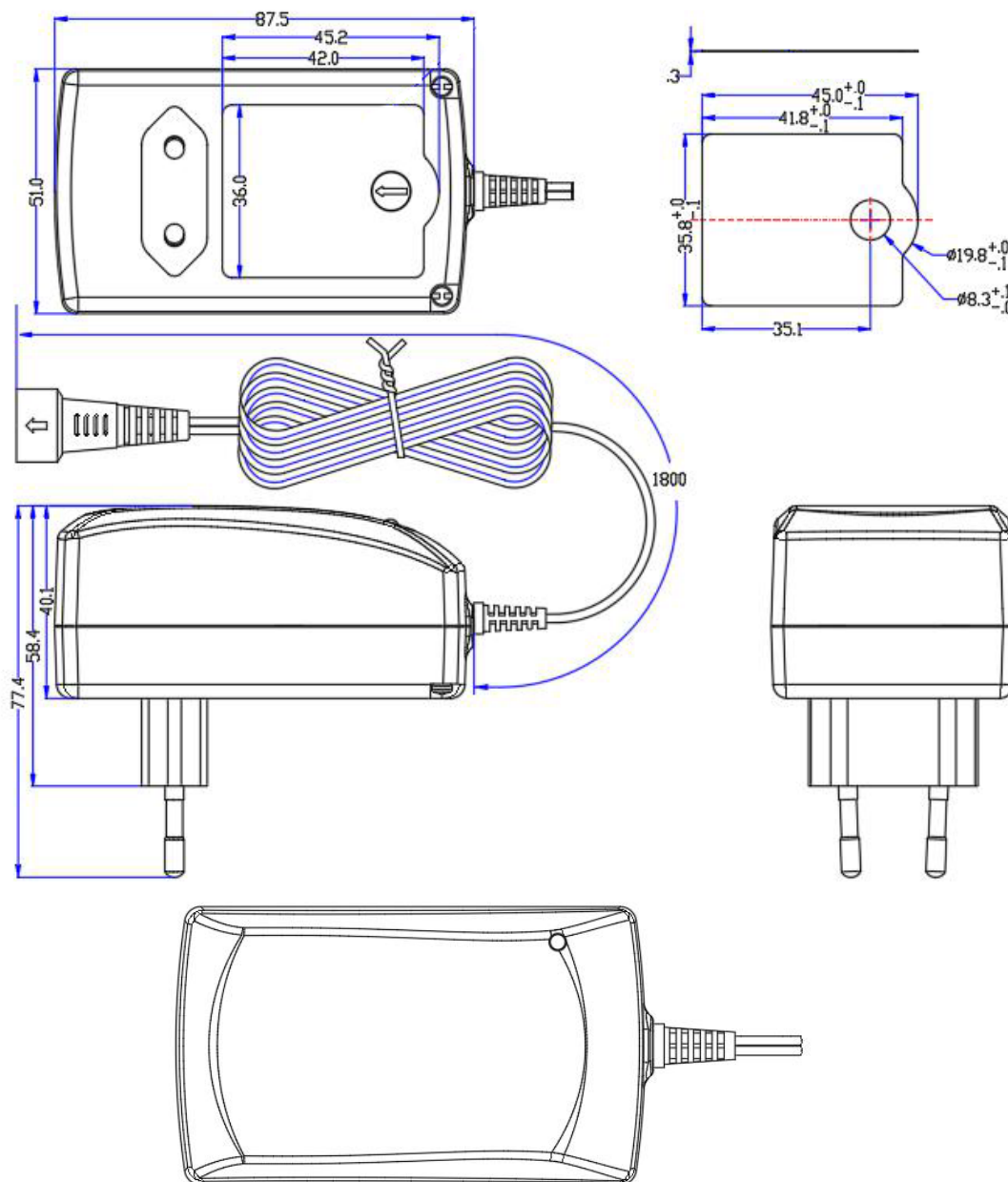
**MECHANICAL SPECIFICATION**

DIMENSION	87.5 mm(L) x 51.0 mm(W) x 40.1mm(H) (excluded plug) 87.5 mm(L) x 51.0 mm(W) x 77.4mm(H) (included plug)
WEIGHT	200g MAX exclude packing

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INPUT PLUG	Direct plug-in EU type
OUTPUT CORD	PVC, Length 1.8m
OUTPUT PLUG	Depends on client request

**Appearance****User information ex art. 26 D. 49/2014**

The symbol labelled on the appliance (Annex IX D. 49/2014) indicates that the rubbish is subject to “separate collection” and it has been placed on the Italian market after the December 31, 2010.

The user must therefore assign or (have collected) the rubbish to a treatment facility according to indications by the local administration, or hand it over to the reseller in exchange for an equivalent new product. The separate collection of the rubbish and the subsequent treatment, recycling and disposal operations encourage the production of appliances made with recycled materials and reduce negative effects on health and the environment caused by improper treatment of rubbish.

In the case of very small WEEE (no external dimension more than 25 cm), the user is eligible to get free of charge assignment to retail shops with sales areas relating to EEE of at least 400 m<sup>2</sup>.

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