



POWER SUPPLY SPECIFICATION

MODEL NO.	MW MG36EU	ISSUE DATE	2021-07-23
CUSTOMER	Minwa	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)	0.8 A

OUTPUT

OUTPUT VOLTAGE (DC)	5.0 / 6.0 / 7.5 / 9.0 / 12.0 / 13.5 / 15.0Vdc \pm 10%
OUTPUT CURRENT	3A @ 5.0/6.0/7.5/9.0/12.0V dc ; 2.4A@13.5/15.0V dc

OVERALL PERFORMANCE

TOTAL OUTPUT POWER	36.0W Max
AVERAGE ACTIVE EFFICIENCY	Min 81.3% (for 5.0V); Min 85.0% (for 6.0V); Min 85.9% (for 7.5V); Min 86.6% (for 9.0V); Min 87.4% (for 12.0V); Min 87.1% (for 13.5V); Min 87.4% (for 15.0V)
EFFICIENCY AT LOW LOAD (10%)	Min 71.3% (for 5.0V); Min 75.0% (for 6.0V); Min 75.9% (for 7.5V); Min 76.6% (for 9.0V); Min 77.4% (for 12.0V); Min 77.1% (for 13.5V); Min 77.4% (for 15.0V)

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

SAFFTY STANDARDS

SAFETY STANDARDS	EN 61558-2-16:2009+A1:2013 conjunction with EN IEC 61558-1:2019
EMC STANDARDS	EN 61204-3:2000

RELIABILITY

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

MECHANICAL SPECIFICATION

DIMEMSION	115.5 mm(L) x 50.0 mm(W) x 32.0 mm(H)
WEIGHT	310g MAX exclude packing
INPUT PLUG AND CORD	Non-detachable; PVC, Length 1.8m, 0.5mm ² ; EU plug

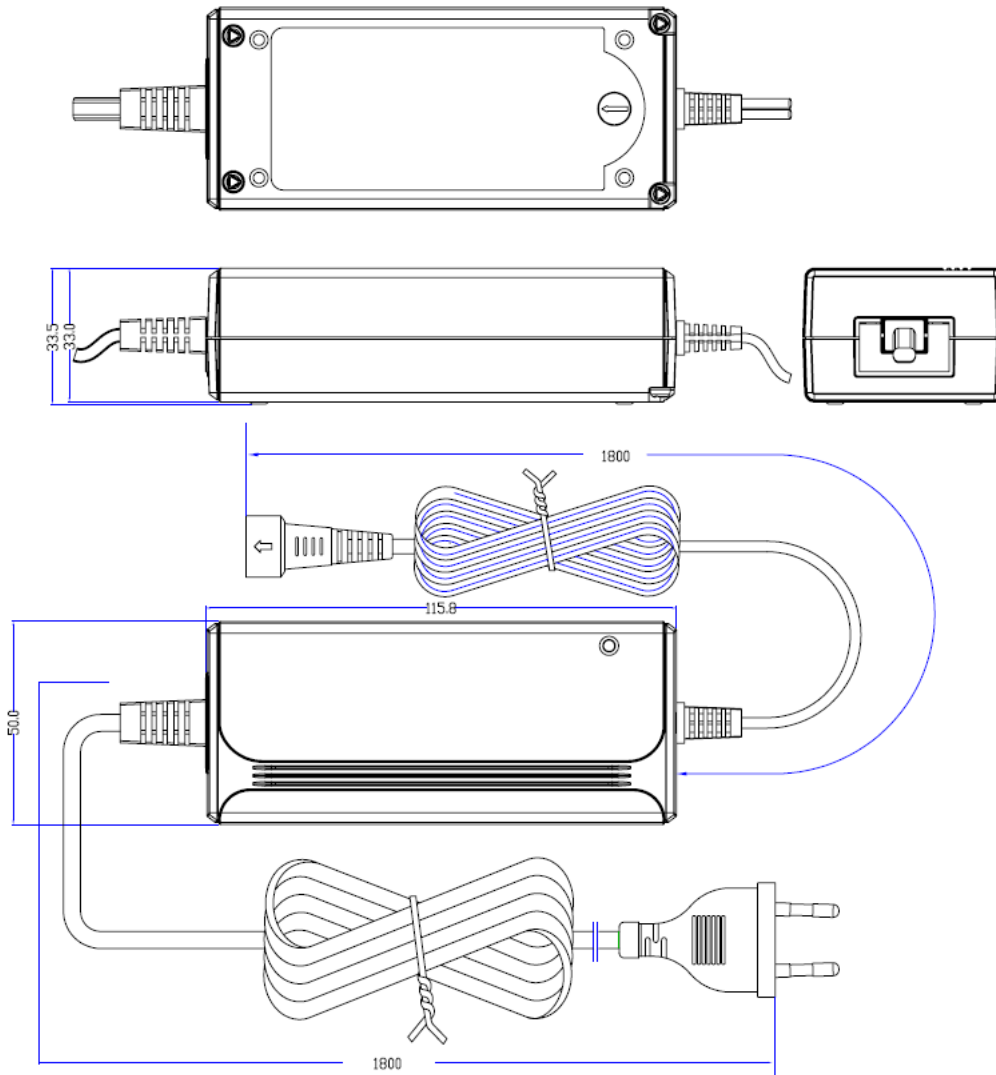


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OUTPUT CORD	PVC, Length 1.8m
OUTPUT PLUG	Depends on client request

Appearance



APPROVE:

AUDITING:

CONNER: