



POWER SUPPLY SPECIFICATION

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|-----------|-------------|------------|------------|
| MODEL NO. | MW MC15EU-L | ISSUE DATE | 2022-11-03 |
|-----------|-------------|------------|------------|

INPUT

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|--------------------------------------|----------------|
| INPUT VOLTAGE | 100 to 240 Vac |
| INPUT FREQUENCY | 50/ 60 Hz |
| NO LOAD POWER CONSUMPTION | <0.1W |
| INPUT FULL LOAD CURRENT (at 100 Vac) | 0.35A |

OUTPUT

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|----------------|--|
| OUTPUT RATING | 3.0V/4.5V/5.0V/6.0V/7.5V/9.0V/12.0V |
| OUTPUT CURRENT | 3.0V/4.5V/5.0V 2.1A; 6.0V/7.5V/9.0V/12.0V 1.5A |

OVERALL PERFORMANCE

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|------------------------------|---|
| TOTAL OUTPUT POWER | 18.0W Max |
| AVERAGE ACTIVE EFFICIENCY | Min 75.4% (for 3.0V); Min 78.4% (for 4.5V); Min 79.1% (for 5.0V); Min 81.3% (for 6.0V); Min 82.6% (for 7.5V); Min 83.5% (for 9.0V); Min 85.0% (for 12.0V) |
| EFFICIENCY AT LOW LOAD (10%) | Min 65.4% (for 3.0V); Min 68.4% (for 4.5V); Min 69.1% (for 5.0V); Min 71.3% (for 6.0V); Min 72.6% (for 7.5V); Min 73.5% (for 9.0V); Min 75.0% (for 12.0V) |

PROTECTION

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|---|---|
| <input checked="" type="checkbox"/> OVER CURRENT PROTECTION | <input checked="" type="checkbox"/> SHORT CIRCUIT PROTECTION |
| <input checked="" type="checkbox"/> OVER VOLTAGE PROTECTION | <input checked="" type="checkbox"/> L.P.S (Limits for power source) |
| <input checked="" type="checkbox"/> OVER POWER PROTECTION | <input type="checkbox"/> 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

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|-----------------------|----------------------------|
| 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 |

APPROVAL

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|------------------|---------------------------------|
| SAFETY STANDARDS | EN 61558-2-16 EN IEC 61558-1 |
| EMC | EN IEC 61204-3 |

RELIABILITY

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

MECHANICAL SPECIFICATION

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|-------------|--|
| DIMENSION | 82.0 mm(L) x 51.6 mm(W) x 35.9mm(H) (excluded plug) 82.0 mm(L) x 51.6 mm(W) x 73.2mm(H) (included plug) |
| WEIGHT | 130g MAX exclude packing |
| INPUT PLUG | Direct plug-in; EU type |
| OUTPUT CORD | PVC, Length 1.8m |
| OUTPUT PLUG | Depends on client request |