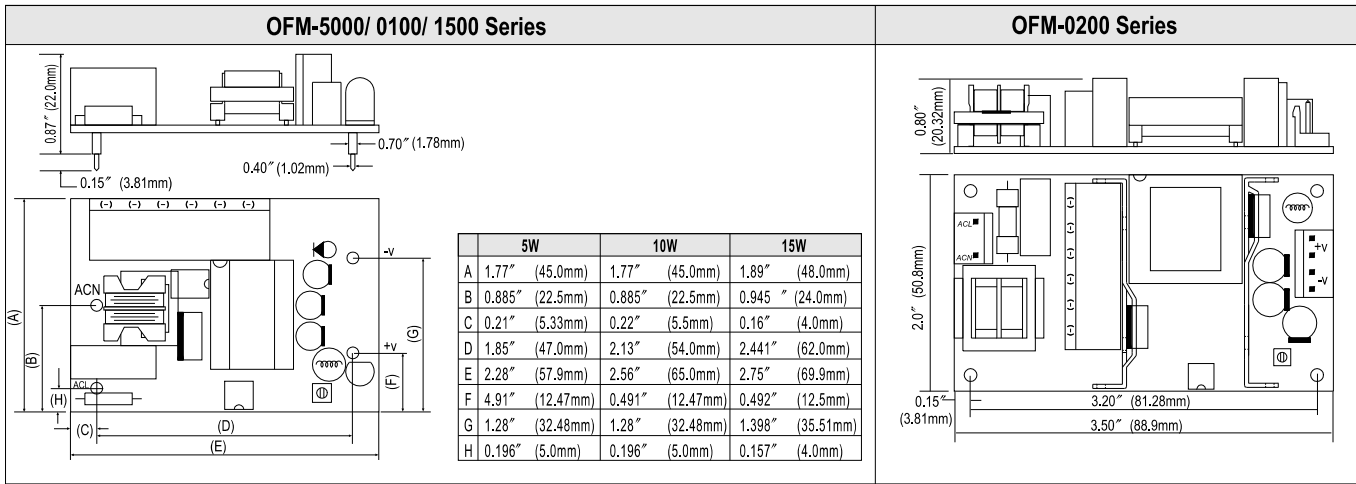


- Universal AC input / Full range
- Ultra-miniature size, light weight
- Protections: Short circuit / Overload / Over voltage / Over temp.
- Fixed switching frequency at 100KHz
- Cooling by free air convection
- Low cost, high reliability
- Approvals: UL / CUL / TUV
- 100% full load burn-in test
- 2 years warranty



General Specification

- AC input voltage range 85~264VAC; 120~370VDC
- Frequency range 47~440Hz
- AC inrush current (max.) Cold start, 25A at 115VAC, 45A at 230VAC
(OFM-5000: 20A at 115VAC, 40A at 230VAC)
- DC adjustment range ±10% rated output voltage
(OFM-0200: ±6% rated output voltage)
- Overload protection 150% (typical) hiccup mode, auto recovery
- Over voltage protection 115%~135% rated output voltage, shut off,
AC recycle to re-start
- Over temp. protection U1,Tj:145°C, power shutdown, recovers
automatically after temperature goes down
- Setup, rise, hold up time 150ms, 20ms, 80ms @ 230VAC for OFM-5000
150ms, 20ms, 80ms @ 230VAC for OFM-0100
150ms, 20ms, 50ms @ 230VAC for OFM-1500
300ms, 16ms, 50ms @ 230VAC for OFM-0200
- Withstand voltage I/P-O/P:3.0KVAC, 1 minute
- Working temperature -10°C~60°C (refer to output derating curve)
- Safety standards UL1950, TUV EN60950 approved
- EMC standards EN50081-1, EN50082-1
- Connection 4 industrial pin for 5~15W
3P / 4P / 3.96mm pitch, Molex 41791 for 20W
- Packing 0.04kg ; 120pcs / 5.6kg / 0.97CUFT(OFM-5000)
0.04kg ; 120pcs / 5.5kg / 0.97CUFT(OFM-0100)
0.07kg ; 120pcs / 9.8kg / 0.97CUFT(OFM-1500)
0.09kg ; 105pcs / 10.5kg / 0.97CUFT(OFM-0200)

OFM-5000 series

| Stock No. | Model No. | Output | Tol. | R&N | Effi. |
|-----------|-----------|------------|------|-------|-------|
| 12501 | OFM-5001 | 5V, 1.00A | ±2% | 50mV | 63% |
| 12502 | OFM-5002 | 12V, 0.42A | ±2% | 150mV | 67% |
| 12503 | OFM-5003 | 15V, 0.33A | ±2% | 150mV | 67% |
| 12504 | OFM-5005 | 24V, 0.23A | ±2% | 240mV | 68% |

OFM-0100 series

| Stock No. | Model No. | Output | Tol. | R&N | Effi. |
|-----------|-----------|------------|------|-------|-------|
| 12511 | OFM-0101 | 5V, 2.00A | ±2% | 50mV | 67% |
| 12512 | OFM-0102 | 12V, 0.85A | ±2% | 180mV | 73% |
| 12513 | OFM-0103 | 15V, 0.67A | ±2% | 180mV | 74% |
| 12514 | OFM-0105 | 24V, 0.42A | ±2% | 240mV | 74% |

OFM-1500 series

| Stock No. | Model No. | Output | Tol. | R&N | Effi. |
|-----------|-----------|------------|------|-------|-------|
| 12521 | OFM-1501 | 5V, 3.00A | ±2% | 60mV | 68% |
| 12522 | OFM-1502 | 12V, 1.25A | ±2% | 150mV | 74% |
| 12523 | OFM-1503 | 15V, 1.00A | ±2% | 150mV | 75% |
| 12524 | OFM-1505 | 24V, 0.63A | ±2% | 240mV | 76% |

OFM-0200 series

| Stock No. | Model No. | Output | Tol. | R&N | Effi. |
|-----------|-----------|------------|------|-------|-------|
| 12531 | OFM-0201 | 5V, 4.40A | ±2% | 50mV | 70% |
| 12532 | OFM-0202 | 12V, 1.80A | ±2% | 150mV | 76% |
| 12533 | OFM-0203 | 15V, 1.40A | ±2% | 150mV | 76% |
| 12534 | OFM-0205 | 24V, 0.92A | ±2% | 240mV | 78% |

❖ OFM Series is on board modular type. EMC test is mounted with a main board which installed in an enclosed metal case. System manufacturer should re-confirm EMC directives on final products again.



We provide specification, drawing, test report and more information, please visit our web site
<http://www.meanwell.com>