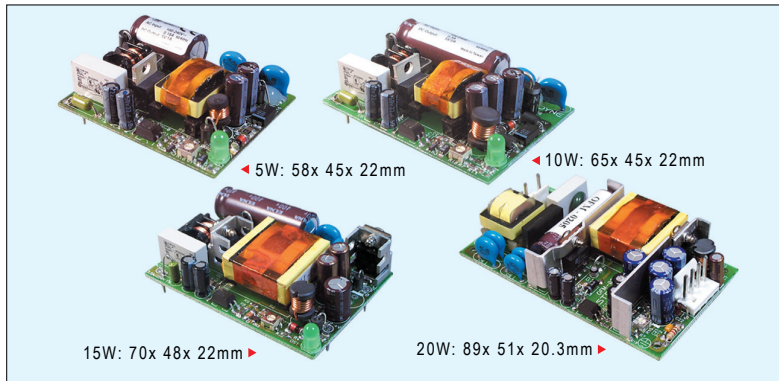




- Universal AC input / Full range
- Ultra-miniature size, light weight
- Protections: Short circuit / Overload / Over voltage / Over temp.
- Fixed switching frequency at 100KHz
- Cooling by free air convection
- Low cost, high reliability
- Approvals: UL / CUL / TUV
- 100% full load burn-in test
- 2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



OFM-5000/ 0100/ 1500 Series

OFM-0200 Series

Top view dimensions: 0.87" (22.0mm), 0.15" (3.81mm), 0.40" (1.02mm), 0.70" (1.78mm).

Side view dimensions: (A), (B), (H), (C), (D), (E), (F), (G), +V, -V, ACN, ACI, Φ.

	5W	10W	15W
A	1.77" (45.0mm)	1.77" (45.0mm)	1.89" (48.0mm)
B	0.885" (22.5mm)	0.885" (22.5mm)	0.945" (24.0mm)
C	0.21" (5.33mm)	0.22" (5.5mm)	0.16" (4.0mm)
D	1.85" (47.0mm)	2.13" (54.0mm)	2.441" (62.0mm)
E	2.28" (57.9mm)	2.56" (65.0mm)	2.75" (69.9mm)
F	4.91" (12.47mm)	0.491" (12.47mm)	0.492" (12.5mm)
G	1.28" (32.48mm)	1.28" (32.48mm)	1.398" (35.51mm)
H	0.196" (5.0mm)	0.196" (5.0mm)	0.157" (4.0mm)

Top view dimensions: 0.80" (20.32mm), 0.15" (3.81mm), 3.20" (81.28mm), 3.50" (88.9mm).

Side view dimensions: 2.0" (50.8mm).

Terminals: ACI, ACN, +V, -V, Φ.

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>