



Features

- Universal AC input / Full range
- Medical safety approved
- Full output 3~48V safety approved
- Low leakage current $\leq 0.3\text{mA}$
- Protections: Short circuit / Over voltage / Overload / Over temp.
- Approvals: UL / CUL / TUV / CB / CE
- Fixed switching frequency and regulation
- Fully enclosed plastic case
- Topology: Top switch circuit
- LED indicator for power on
- 2 years warranty



General Specification (Please refer to www.meanwell.com for detail spec.)

Order No.	MES30A	MES30C	MES50A	MES50C	MES30B
AC input voltage range	90~264VAC / 0.8~0.4A				
AC inrush current (max.)	Cold start, <35A peak at 230VAC				
Overload protection	Hiccup mode, auto-recovery				
Over voltage protection	110~140% rated output voltage				
Setup, rise, hold up time	300ms, 50ms, 16ms at full load				
Withstand voltage	I/P-O/P:5656VDC, I/P-FG:2121VDC, 1 minute				I/P-O/P:5656VDC, 1 minute
Working temperature	0~+65°C (refer to output load derating curve)				
Safety standards	UL2601-1, TUV EN60601-1, IEC601-1 approved				
EMC standards	EN55011 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11 (EN60601-1-2)				
Standard output cable	180cm of UL1185,18AWG for 8~48V output ; 120cm of UL1185,16AWG for 3~8V output				
Standard output plug	P1J: 2.1 ϕ x5.5 ϕ x11mm / C+, tuning fork type (refer to page 47 for DC plug list)				
Dimension (L*W*H)(mm)	108x67x36		147x76x43		108x67x36
Packing	54pcs/20kg		36pcs/21kg		54pcs/20kg

30W (IEC 320-C14 / Class I)

Stock No.	Order No.	Output	Tol.	R&N	Effi.
13891	MES30A-0P1J	3.3V, 5.00A	±5%	30mV	65%
13892	MES30A-1P1J	5V, 5.00A	±5%	30mV	70%
13893	MES30A-1-1P1J	7.5V, 3.33A	±4%	40mV	72%
13894	MES30A-2P1J	9V, 3.33A	±3%	50mV	74%
13895	MES30A-3P1J	12V, 2.50A	±3%	50mV	76%
13896	MES30A-4P1J	15V, 2.00A	±3%	60mV	78%
13897	MES30A-5P1J	18V, 1.66A	±3%	70mV	78%
13898	MES30A-6P1J	24V, 1.25A	±2%	80mV	80%
13899	MES30A-7P1J	28V, 1.07A	±2%	100mV	80%
13900	MES30A-8P1J	48V, 0.62A	±2%	100mV	82%

50W (IEC 320-C14 / Class I)

Stock No.	Order No.	Output	Tol.	R&N	Effi.
13921	MES50A-0R1B	3.3V, 7.50A	±5%	50mV	65%
13922	MES50A-1R1B	5V, 7.50A	±5%	50mV	70%
13923	MES50A-1-1R1B	7.5V, 5.33A	±4%	60mV	72%
13924	MES50A-2P1J	9V, 5.00A	±3%	80mV	74%
13925	MES50A-3P1J	12V, 4.16A	±3%	100mV	76%
13926	MES50A-4P1J	15V, 3.33A	±3%	120mV	78%
13927	MES50A-5P1J	18V, 2.77A	±3%	120mV	78%
13928	MES50A-6P1J	24V, 2.08A	±2%	150mV	80%
13929	MES50A-7P1J	28V, 1.78A	±2%	150mV	80%
13930	MES50A-8P1J	48V, 1.04A	±2%	200mV	82%

30W (IEC 320-C8 / Class II)

Stock No.	Order No.	Output	Tol.	R&N	Effi.
13901	MES30B-0P1J	3.3V, 5.00A	±5%	30mV	65%
13902	MES30B-1P1J	5V, 5.00A	±5%	30mV	70%
13903	MES30B-1-1P1J	7.5V, 3.33A	±4%	40mV	72%
13905	MES30B-3P1J	12V, 2.50A	±3%	50mV	76%
13906	MES30B-4P1J	15V, 2.00A	±3%	60mV	78%
13908	MES30B-6P1J	24V, 1.25A	±2%	80mV	80%
13910	MES30B-8P1J	48V, 0.62A	±2%	100mV	82%

50W (IEC 320-C6 / Class I)

Stock No.	Order No.	Output	Tol.	R&N	Effi.
13931	MES50C-0R1B	3.3V, 7.50A	±5%	50mV	65%
13932	MES50C-1R1B	5V, 7.50A	±5%	50mV	70%
13933	MES50C-1-1R1B	7.5V, 5.33A	±4%	60mV	72%
13935	MES50C-3P1J	12V, 4.16A	±3%	100mV	76%
13936	MES50C-4P1J	15V, 3.33A	±3%	120mA	78%
13938	MES50C-6P1J	24V, 2.08A	±2%	150mV	80%
13940	MES50C-8P1J	48V, 1.04A	±2%	200mV	82%

30W (IEC 320-C6 / Class I)

Stock No.	Order No.	Output	Tol.	R&N	Effi.
13911	MES30C-0P1J	3.3V, 5.00A	±5%	30mV	65%
13912	MES30C-1P1J	5V, 5.00A	±5%	30mV	70%
13913	MES30C-1-1P1J	7.5V, 3.33A	±4%	40mV	72%
13915	MES30C-3P1J	12V, 2.50A	±3%	50mV	76%
13916	MES30C-4P1J	15V, 2.00A	±3%	60mA	78%
13918	MES30C-6P1J	24V, 1.25A	±2%	80mV	80%
13920	MES30C-8P1J	48V, 0.62A	±2%	100mV	82%



Best Products also need Best services.

We have authorized distributors all over the world. They have sufficient stock for your prompt delivery. Also they can offer you technical support & RMA services. Please contact your local distributors for more product information. You can also contact us at info@meanwell.com for information of your local distributors.



We are a TQM (Total Quality Management) company and ISO-9001 certified in 1994.