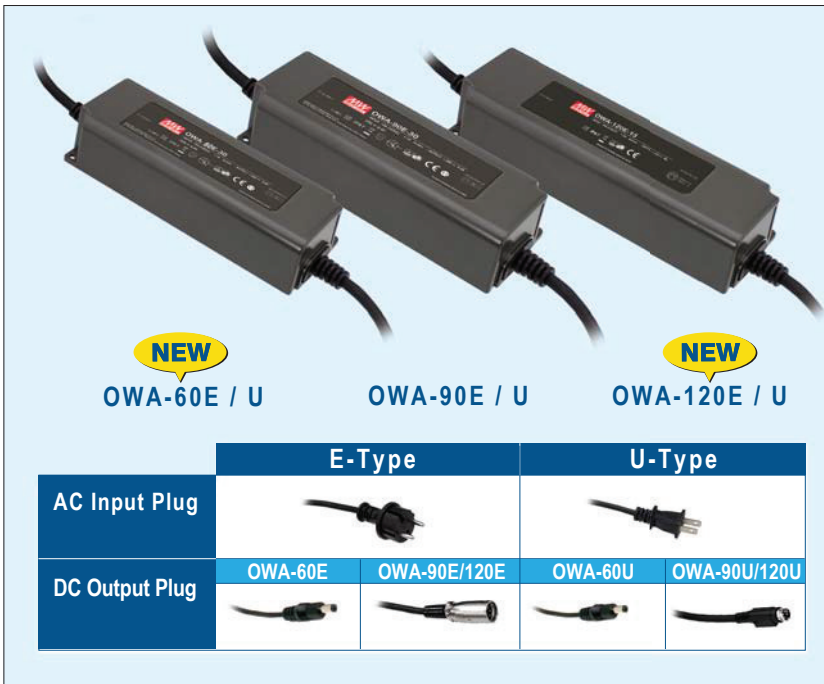


Moistureproof Adaptor

60~120W Single Output



Features

- IP67 design for main body
- Universal AC input / Full range
- No load power consumption <0.15W
- **Energy efficiency Level VI**
- E-Type: Comply with EU ErP and meet CoC Version 5
U-Type: Comply with EISA 2007/DoE and NRCan
- Built-in active PFC function (OWA-90/120)
- Class II power (without earth pin)
- High efficiency up to 91%
- Fanless design, cooling by free air convection
- -40~+70°C wide operating range (-35~+70°C for OWA-60)
- Fully enclosed by plastic case filling with heat-conducted glue
- Protections: Short circuit / Over current / Over voltage / Over temperature
- **Suitable for general electronics applications at highly dusty or damp environment**
- **5 years warranty**

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

Model No.	OWA-60 □	OWA-90 □	OWA-120 □	
AC input voltage range	90~264VAC; 127~370VDC			
AC inrush current (max.)	Cold start, 65A at 230VAC	Cold start, 60A at 230VAC		
Leakage current	<0.25mA at 240VAC			
Overload protection	E-Type: 105~115% hiccup mode, auto-recovery; U-Type: 95~108% constant current limiting, auto-recovery			
Over voltage protection	110%~140% rated output voltage			
Over temperature protection	Shut down output voltage, re-power on to recover			
Setup, rise, holdup time	500ms, 80ms, 10ms at full load and 230VAC	500ms, 80ms, 16ms at full load and 230VAC		
Withstand voltage	I/P-O/P: 3.75KVAC			
Working temperature	-35~+70°C	-40~+70°C (refer to output derating curve)		
Safety standards	E-Type: EN61558-1, EN61558-2-16 listed; EN60335-1 listed approved; U-Type: UL8750 listed approved			
EMC standards	E-Type: EN55022 class B, EN55014, EN61000-3-2,-3; U-Type: FCC Part 15			
Length of output cable	Input	E-Type: 150cm of H05RN-F 1.0mm ² x2C; U-Type: 150cm of SVT 18AWGx2C		
	Output	E-Type: 30cm of H05RN-F 1.0mm ² x2C U-Type: 30cm of UL1185 16AWG x2C	E-Type: 30cm of H05RN-F 1.0mm ² x2C U-Type: 30cm of UL2464 18AWG x4C	E-Type: 30cm of H07RN-F 1.5mm ² x2C U-Type: 30cm of UL2464 18AWG x4C
Standard plug	Input	E-Type: CEE 7/7 EU plug; U-Type: NEMA 1-15P plug		
	Output	2.1øx5.5øx11mm / C+, tuning fork type; E-Type: XLR 4P, male type; U-Type: R7B, Power DIN 4P with lock type		
Dimension (LxWxH)(mm)	130x 53x 35	171x 63x 37.5	191x 63x 37.5	

OWA-60 Series

Model No.	Output	Tol.	R&N	Effi.
OWA-60 □ -12	12V, 0~5A	±4.0%	150mV	88%
OWA-60 □ -15	15V, 0~4A	±4.0%	150mV	89%
OWA-60 □ -20	20V, 0~3A	±4.0%	150mV	89%
OWA-60 □ -24	24V, 0~2.5A	±3.0%	150mV	90%
OWA-60 □ -30	30V, 0~2A	±3.0%	200mV	90%
OWA-60 □ -36	36V, 0~1.67A	±2.0%	200mV	90%
OWA-60 □ -42	42V, 0~1.5A	±1.0%	250mV	90%
OWA-60 □ -48	48V, 0~1.25A	±1.0%	250mV	91%
OWA-60 □ -54	54V, 0~1.12A	±1.0%	350mV	91%

□ = E / U ; E: European 2P, U: American 2P

OWA-90 □ -30	30V, 0~3A	±3.0%	200mV	90%
OWA-90 □ -36	36V, 0~2.5A	±2.0%	200mV	91%
OWA-90 □ -42	42V, 0~2.15A	±1.0%	250mV	91%
OWA-90 □ -48	48V, 0~1.88A	±1.0%	250mV	91%
OWA-90 □ -54	54V, 0~1.67A	±1.0%	350mV	91%

□ = E / U ; E: European 2P, U: American 2P

OWA-90 Series

Model No.	Output	Tol.	R&N	Effi.
OWA-90 □ -12	12V, 0~7.5A	±4.0%	150mV	89%
OWA-90 □ -15	15V, 0~6A	±4.0%	150mV	90%
OWA-90 □ -20	20V, 0~4.5A	±4.0%	150mV	90%
OWA-90 □ -24	24V, 0~3.75A	±3.0%	150mV	90%

OWA-120 Series

Model No.	Output	Tol.	R&N	Effi.
OWA-120 □ -12	12V, 0~10A	±4.0%	150mV	89.0%
OWA-120 □ -15	15V, 0~8A	±4.0%	150mV	89.5%
OWA-120 □ -20	20V, 0~6A	±4.0%	150mV	90.0%
OWA-120 □ -24	24V, 0~5A	±4.0%	150mV	90.5%
OWA-120 □ -30	30V, 0~4A	±3.0%	200mV	90.0%
OWA-120 □ -36	36V, 0~3.4A	±2.0%	200mV	90.5%
OWA-120 □ -42	42V, 0~2.9A	±1.0%	250mV	90.5%
OWA-120 □ -48	48V, 0~2.5A	±1.0%	250mV	91.0%
OWA-120 □ -54	54V, 0~2.3A	±1.0%	350mV	91.0%

□ = E / U ; E: European 2P, U: American 2P