

Moistureproof Adaptor 120~200W IP67 Level



Features

- IP67 design for power body
- Class II power unit, no FG
- High efficiency up to 94%
- Universal AC input / Full range (OWA-120U/200U)
AC input 180~264VAC only (OWA-120E/200E)
- No load power consumption <0.15W
- Energy efficiency Level VI
- U-Type: Comply with EISA 2007/DoE and NRCAN
- Fanless design, cooling by free air convection
- Fully enclosed plastic case
- Protections: Short circuit / Over current /
Over voltage / Over temperature
- Suitable for household appliances or the electronic applications at highly dusty or damp environment
- 5 years warranty

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

Model No.	OWA-120 <input type="checkbox"/>	OWA-200 <input type="checkbox"/>
AC input voltage range	U Type: 90~264VAC; 127~370VDC ; E Type: 180~264VAC ; 254~370VDC	
Overload protection	E-Type: 105~115% hiccup mode, auto-recovery; U-Type: 95~108% constant current limiting, auto-recovery	105% ~ 150% hiccup mode, auto-recovery
Over voltage protection	110%~140% rated output voltage, re-power on to recover	150%~200% rated output voltage, re-power on to recover
Over temperature protection	Shut down output voltage, re-power on to recover	
Withstand voltage	I/P-O/P: 3.75KVAC	I/P-O/P: 4.2KVAC
Working temperature	-40~+70°C (refer to output derating curve)	
Safety standards	E-Type: DEKRA BS EN/EN60335-1(except for 48~54V), EN61558-1/2-16 approved; U-Type: UL8750 listed approved, EAC TP TC 004	E-Type: DEKRA BS EN/EN60335-1(except for 48~54V), EN61558-1/2-16 approved; U-Type: UL62368-1 listed approved, EAC TP TC 004
EMC standards	E-Type: BS EN/EN55032 class B, EN55014, EN61000-3-2,-3; U-Type: FCC Part 15, EAC TP TC 020	E-Type: BS EN/EN55032 class B, EN55035, EN55014-1, EN61000-3-2/3; U-Type: FCC Part 15, EAC TP TC 020
Standard plug	Input	E-Type: CEE 7/7 EU plug; U-Type: NEMA 1-15P plug
	Output	E-Type: XLR4P; U-Type: KYCON KPPX-4P R7B
Refer to P73 for DC plug list		
Length of cable	Input	E-Type: 150cm of H05RN-F 1.0mm ² x2C; U-Type: 150cm of SVT 18AWGx2C
	Output	E-Type: 30cm of H07RN-F 1.5mm ² x2C U-Type: 30cm of UL2464 18AWG x4C
		E-Type: 100cm SJOW 14AWGx2C U-Type: 100cm UL2464 16AWG x4C

OWA-120 Series

Model No.	Output	Tol.	R&N	Effi.
OWA-120E-12	12V, 0~9.6A	±4.0%	150mV	87.5%
OWA-120U-12	12V, 0~10A	±4.0%	150mV	87.5%
OWA-120 <input type="checkbox"/> -15	15V, 0~8A	±4.0%	150mV	89.0%
OWA-120 <input type="checkbox"/> -20	20V, 0~6A	±4.0%	150mV	90.0%
OWA-120 <input type="checkbox"/> -24	24V, 0~5A	±4.0%	150mV	90.5%
OWA-120 <input type="checkbox"/> -30	30V, 0~4A	±3.0%	200mV	90.0%
OWA-120 <input type="checkbox"/> -36	36V, 0~3.4A	±2.0%	200mV	90.0%
OWA-120 <input type="checkbox"/> -42	42V, 0~2.9A	±1.0%	250mV	90.5%
OWA-120 <input type="checkbox"/> -48	48V, 0~2.5A	±1.0%	250mV	90.5%
OWA-120 <input type="checkbox"/> -54	54V, 0~2.3A	±1.0%	350mV	90.5%

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

OWA-200 Series

Model No.	Output	Tol.	R&N	Effi.
OWA-200E-12	12V, 0~15A	±5.0%	150mV	91.0%
OWA-200U-12	12V, 0~15A	±5.0%	150mV	91.0%
OWA-200 <input type="checkbox"/> -20	20V, 0~10A	±4.0%	150mV	92.5%
OWA-200 <input type="checkbox"/> -24	24V, 0~8.3A	±4.0%	150mV	93.0%
OWA-200 <input type="checkbox"/> -36	36V, 0~5.55A	±4.0%	200mV	94.0%
OWA-200 <input type="checkbox"/> -42	42V, 0~4.75A	±3.0%	250mV	94.0%
OWA-200 <input type="checkbox"/> -48	48V, 0~4.17A	±3.0%	250mV	94.0%
OWA-200 <input type="checkbox"/> -54	54V, 0~3.71A	±3.0%	350mV	94.0%

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