

EWS SERIES



AC/DC Single Output: 15 - 1500 Watts



Specifications

INPUT VOLTAGE:	85 - 264VAC: EWS15 - 50 110/230VAC: auto select EWS100 - 600 110/230VAC: link select: EWS1500
FREQUENCY:	47 - 440Hz: EWS15 - 50 47 - 63Hz: all other models
EFFICIENCY:	Model dependent typically 60-85%
INRUSH CURRENT (at 220 VAC):	EWS15, EWS100, EWS150: 28A EWS25: 9A, EWS50: 60A EWS300: 50A, EWS600-1500: 60A
OUTPUT POWER:	15 - 1500 watts
OUTPUT VOLTAGE:	2V~48V models: refer to table
REMOTE PROGRAMME:	By resistance on models: EWS100 - EWS600 EWS1500 can be programmed via 0V to 6V external signal.
OUTPUT V. ADJUSTMENT:	±10%, some models ±20%
LINE REGULATION:	Typically ±0.4% over input range
LOAD REGULATION:	Model dependent. Typically ±0.6-0.9% from no load to full load.
MINIMUM LOAD:	Units will operate with zero load
TEMP. CO-EFFICIENT:	0.02% per °C
OUTPUT NOISE:	Typically 1% of nominal V out
OVP:	OVP by non-crowbar, inverter shutdown type protection on all models
OVERLOAD PROTECTION:	Constant current limiting set at approx. 110% of output current with auto recovery.
HOLD UP TIME:	Model dependent 16~20 msec.
OPERATING TEMP:	EWS15 - 50: -10°C~70°C (0~50°C @ 100% load) EWS100 - 150: -10°C~60°C (0~50°C @ 100% load) (0~40°C @ 100% load) EWS300 - 1500: -10°C~70°C (0~50°C @ 100% load) Consult office for other ratings
COOLING:	Convection: EWS15 - 150 Forced air on board fan: EWS300 - 1500
CONNECTIONS:	Via terminal block or studs
REMOTE ON/OFF:	EWS300 - 1500 models only. A TTL compatible signal, a zero to 0.8V signal will turn unit on
PARALLEL OPERATION:	Models EWS300, EWS600 & EWS1500
REMOTE SENSING:	Yes, models EWS100 - 1500 only
EMI/RFI:	To EN55022 - A
ISOLATION:	Input - output 3000VAC Input - chassis 2500VAC Output - frame 500VAC
SAFETY:	EN60950, UL1950, CSA approvals

Features

- High grade design for industrial applications
- Universal input 85 - 264VAC EWS15 - 50 models
- 110/230VAC auto select EWS100 - 1500 models
- Voltage outputs from 2V~48VDC
- Wide output adjustment (±20%) on some models
- Floating output, fully isolated.
- Regulated output
- Remote On/Off EWS300 - 1500 models
- EMC to EN55022-A
- EN60950/UL1950 certification and CE marked
- On-board fan cooling EWS300 - 1500 models
- OVP and overload protection
- Proven field reliability
- DIN rail mounting options, consult office
- Vented case/cover
- Remote programming options
- Parallel operation with current share models EWS300, EWS600 and EWS1500

Dimensions:

	W	H	L	Weight:
EWS15	97	35	107mm	270g
EWS25	97	35	131mm	350g
EWS50	97	37	170mm	450g
EWS100	97	54	219mm	850g
EWS150	97	65	219mm	1.0kg
EWS300	92	120	206mm	2.5kg
EWS600	92	190	235mm	4.0kg
EWS1500	97	200	345mm	7.0kg

- Dimensions include extending terminals



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MODEL	Output		Power W
	V	A	
EWS300 - 2	2V *	60A	120W
EWS600 - 2	2V *	120A	240W
EWS1500 - 2	2V *	300A	600W
EWS1500 - 3.3	3.3V *	300A	990W
EWS15 - 5A	5V	3A	15W
EWS25 - 5	5V	5A	25W
EWS50 - 5	5V	10A	50W
EWS100 - 5	5V	20A	100W
EWS150 - 5	5V	30A	150W
EWS300 - 5	5V *	60A	300W
EWS600 - 5	5V *	120A	600W
EWS1500 - 5	5V *	300A	1500W
EWS15 - 6	6V	2.5A	15W
EWS25 - 6	6V	4.2A	25W
EWS50 - 6	6V	8.4A	50W
EWS100 - 6	6V	16.7A	120W
EWS150 - 6	6V	25A	180W
EWS300 - 6	6V *	50A	300W
EWS600 - 6	6V *	100A	600W
EWS15 - 9	9V	1.7A	15W
EWS25 - 9	9V	2.8A	25W
EWS50 - 9	9V	5.6A	50W
EWS100 - 9	9V	11.2A	120W
EWS150 - 9	9V	16.7A	180W
EWS300 - 9	9V *	34A	300W
EWS600 - 9	9V *	68A	612W
EWS1500 - 10	10V *	150A	1500W
EWS15 - 12	12V	1.4A	16W
EWS25 - 12	12V	2.2A	25W
EWS50 - 12	12V	4.4A	52W
EWS100 - 12	12V	8.4A	120W
EWS150 - 12	12V	12.5A	180W
EWS300 - 12	12V *	27A	324W
EWS600 - 12	12V *	53A	636W
EWS1500 - 12	12V *	125A	1500W
EWS15 - 15	15V	1.1A	16W
EWS25 - 15	15V	1.8A	27W
EWS50 - 15	15V	3.6A	54W
EWS100 - 15	15V	6.7A	120W
EWS150 - 15	15V	10A	180W
EWS300 - 15	15V *	22A	330W
EWS600 - 15	15V *	43A	645W
EWS1500 - 15	15V *	100A	1500W

MODEL	Output		Power W
	V	A	
EWS15 - 18	18V	0.9A	16W
EWS25 - 18	18V	1.5A	27W
EWS50 - 18	18V	3.2A	57W
EWS100 - 18	18V	5.6A	120W
EWS150 - 18	18V	8.4A	180W
EWS300 - 18	18V	18A	324W
EWS600 - 18	18V	35A	630W
EWS15 - 24	24V	0.7A	16W
EWS25 - 24	24V	1.2A	29W
EWS50 - 24	24V	2.4A	57W
EWS100 - 24	24V	4.2A	120W
EWS150 - 24	24V	6.3A	150W
EWS300 - 24	24V *	14A	336W
EWS600 - 24	24V *	27A	648W
EWS1500 - 24	24V *	63A	1500W
EWS15 - 28	28V	0.6A	16W
EWS25 - 28	28V	1.0A	28W
EWS50 - 28	28V	2.0A	56W
EWS100 - 28	28V	3.6A	120W
EWS150 - 28	28V	5.4A	182W
EWS300 - 28	28V *	12A	336W
EWS600 - 28	28V *	23A	644W
EWS300 - 36	36V	9.3A	334W
EWS600 - 36	36V	18A	648W
EWS1500 - 36	36V	42A	1512W
EWS15 - 48	48V	0.35A	16W
EWS25 - 48	48V	0.6A	29W
EWS50 - 48	48V	1.2A	57W
EWS100 - 48	48V	2.1A	120W
EWS150 - 48	48V	3.2A	182W
EWS300 - 48	48V *	7A	336W
EWS600 - 48	48V *	13A	624W
EWS1500 - 48	48V *	32A	1536W

Voltage Adjustment Range:

± 10% of nominal V out

± 20% of nominal V out models with *