

**Universal input 85 - 264V AC**  
**300 and 600 watt models**  
**Harmonic Current per EN61000-3-2**  
**Power factor correction 0.99 typical**  
**Remote on / off and power fail monitoring**  
**EMC to EN55011-B and EN55022-B**  
**Immunity to EN6100-4-2, -3 -4 -5 -6**  
**EN60950 / AS3260 certification**

Suitable for a wide range of industrial, automation and telecom applications.

◆ 24 Month Warranty

**SPECIFICATIONS** All specifications are typical at nominal input, full load and at 25°C unless otherwise stated.

ELECTRICAL	
<b>Input Voltage</b>	85 - 264V AC , 80-330VDC @ 80% Load
<b>Power Factor</b>	0.99 @ 100V AC, 0.95 @ 230V AC
<b>Frequency</b>	47 - 63Hz
<b>Fusing / Protection</b>	
<b>Isolation</b>	3KV AC input - output 500V AC output - frame
<b>Efficiency</b>	Model dependant (60 - 80%)
<b>Input Current</b>	JWS300: 2.2A @ 200V AC JWS600: 4.1A @ 200V AC
<b>Output Power</b>	Refer model table (300 / 600W)
<b>Output Voltages</b>	Refer model table (2 - 48V)
<b>Voltage adj. range</b>	Typically -15% - +10% of nominal.
<b>Temp Co-Efficient</b>	±0.02% per °C
<b>Current Limit</b>	Constant current limiting set at approx. 110% of rated output with auto recovery.
<b>Line Regulation</b>	Typically ±0.4% over input range
<b>Load Regulation</b>	Typically ±0.6% from no load to full load
<b>Ripple</b>	
<b>Output Noise</b>	Typically 1% of nominal V out
<b>Hold up time</b>	20ms at rated power and input
<b>Start up time</b>	3 seconds
<b>OVP</b>	OVP will shutdown unit, manual reset by AC line recycle.
<b>Minimum Load</b>	Units will operate with zero load
<b>Leakage Current</b>	0.75mA / 0.44mA @ 100 / 200V AC
<b>Remote Sense</b>	Yes
<b>Remote on / off</b>	Yes
<b>Monitor Signal</b>	Power Fail - open collector output

PHYSICAL	
<b>Connections</b>	Screw Terminals
<b>Weight</b>	Refer model table (1.9 / 3.0kg)
<b>Mounting</b>	
<b>Cooling</b>	Forced air on-board fan

ENVIRONMENTAL	
<b>Operating temperature</b>	-10 - 50° C at full load. Derate to 55% @ 65° C
<b>Humidity</b>	
<b>Altitude</b>	
<b>Vibration</b>	2G constant operating
<b>Shock</b>	<20G

STANDARDS	
<b>Safety</b>	Approved to IEC950, EN60950, UL1950, AS3260
<b>EMI / RFI</b>	EN55011 / EN55022 / AS3548 class B

- ◆ Suitable for parallel operation with current share
- ◆ Suitable for series operation

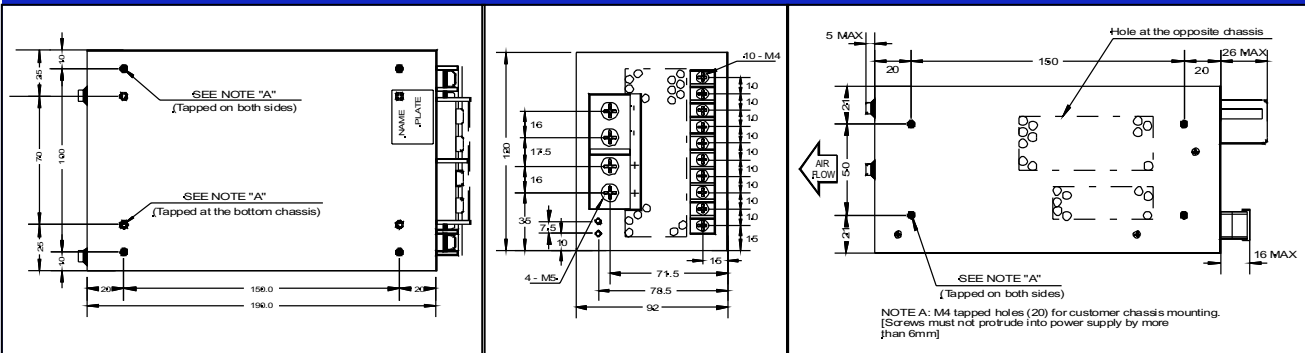
# 300 / 600 Watt AC/DC Single output switchmode DC Power Supplies



## STANDARD PREFERRED MODEL TABLE

MODEL	Volts	Amps	Adj. Range	Watts	L x W x H	Weight
JWS300-2	2V	60A	1.8 - 2.4V	120W	216 x 120 x 92mm	1.9kg
JWS300-3	3.3V	60A	2.97 - 3.9V	198W	216 x 120 x 92mm	1.9kg
JWS300-5	5V	60A	4.5 - 6.0V	300W	216 x 120 x 92mm	1.9kg
JWS300-6	6V	50A	5.4 - 7.2V	300W	216 x 120 x 92mm	1.9kg
JWS300-9	9V	34A	8.1 - 10.8V	300W	216 x 120 x 92mm	1.9kg
JWS300-12	12V	27A	10.8 - 14.4V	324W	216 x 120 x 92mm	1.9kg
JWS300-15	15V	22A	13.5 - 18.1V	330W	216 x 120 x 92mm	1.9kg
JWS300-24	24V	14A	21.6 - 28.8V	336W	216 x 120 x 92mm	1.9kg
JWS300-28	28V	12A	25.2 - 33.6 V	336W	216 x 120 x 92mm	1.9kg
JWS300-48	48V	6.5A	43.2 - 52.8V	312W	216 x 120 x 92mm	1.9kg
JWS600-2	2V	120A	1.8 - 2.4V	240W	226 x 160 x 92mm	3.0kg
JWS600-3	3.3V	120A	2.97 - 3.96V	396W	226 x 160 x 92mm	3.0kg
JWS600-5	5V	120A	4.5 - 6.0V	600W	226 x 160 x 92mm	3.0kg
JWS600-6	6V	100A	5.4 - 7.2V	600W	226 x 160 x 92mm	3.0kg
JWS600-8	8V	68A	7.2 - 9.6V	544W	226 x 160 x 92mm	3.0kg
JWS600-9	9V	68A	8.1 - 10.8V	612W	226 x 160 x 92mm	3.0kg
JWS600-12	12V	53A	10.8 - 14.4V	636W	226 x 160 x 92mm	3.0kg
JWS600-15	15V	43A	13.8 - 18.0V	645W	226 x 160 x 92mm	3.0kg
JWS600-24	24V	27A	21.6 - 28.8V	648W	226 x 160 x 92mm	3.0kg
JWS600-28	28V	23A	25.2 - 33.6V	644W	226 x 160 x 92mm	3.0kg
JWS600-48	48V	13A	43.2 - 52.8V	624W	226 x 160 x 92mm	3.0kg

## MOUNTING DETAILS / DIMENSIONS



JWS 300

JWS 600

