



ZMP360-SX-F-WO

360W



FEATURES

- Optional high efficiency OR-ing FET diode Current share function
- 4 units can be paralleled within 10% accuracy at full load
- Leakage current <300uA @ 264 VAC
- Short circuit protection
- Over load protection
- Over voltage protection
- Medical 60601-1 3.1rd Edition approved
- 2 year warranty



MODEL/CHANNEL		Unit	ZMP360 12SX-F-WO	ZMP360 24SX-F-WO	ZMP360 30SX-F-W	ZMP360 36SX-F-WO
OUTPUT	Output Voltage	Vdc	12	24	30	36
	Ripple and Noise(max.) *3	mV	120	240	300	360
	Maximum Load	A	30	15	12	10
MODEL/CHANNEL		Unit	ZMP360 48SX-F-WO	ZMP360 54SX-F-WO	ZMP360 57SX-F-WO	
OUTPUT	Output Voltage	Vdc	48	54	57	
	Ripple and Noise(max.) *3	mV	480	540	570	
	Maximum Load	A	7.5	6.67	6.32	
INPUT	Input Voltage Range	Vac	90-264VAC			
	Efficiency (typical) *2	%	> 83% typical @full load, 115VAC			
	Frequency	A	47-63Hz			
	Inrush Current	V	< 25A peak @115VAC; < 50A peak @230VAC cold start @25°C			
	Input Current	A	6A @115VAC; 3A @230VAC max.			
	Power Factor	-	> 0.95 @115VAC; > 0.9 @230VAC @full load			
	Hold Up Time	ms	> 10ms typical 50% load, 115VAC			
	Leakage current	-	< 300uA @264VAC			
	Maximum power	-	500 Watts with 30CFM forced air cooling (U-channel type)			
	Hold-up time	-	> 20ms typical @360 watt load, 115VAC			
Current share (Single wire)	-	Up to 4 units can be paralleled [Optional] within 10% accuracy at full load.				





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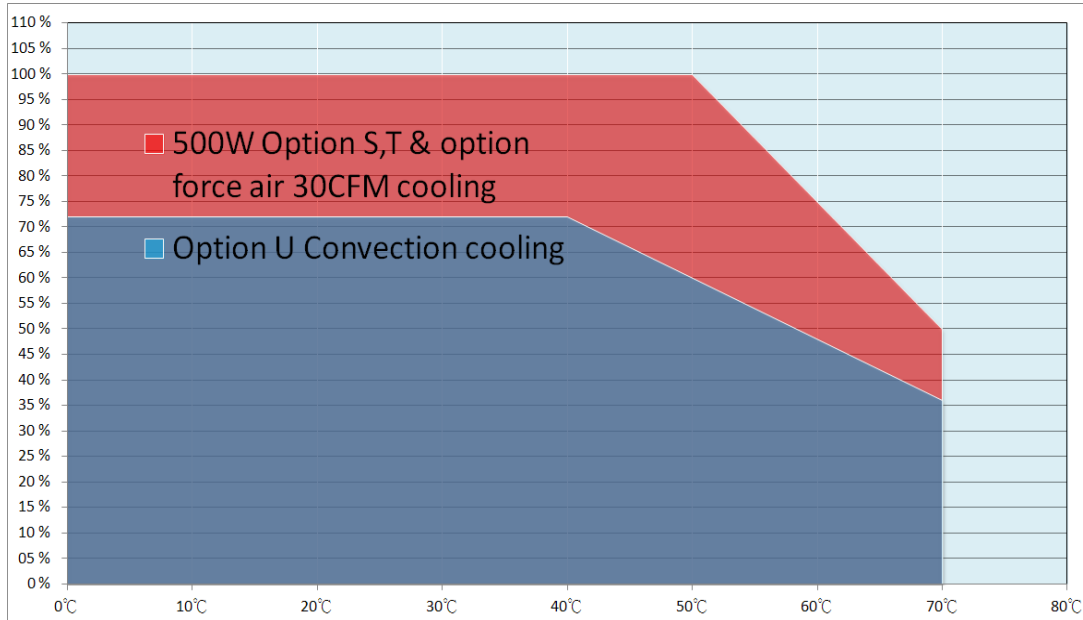
	MODEL/CHANNEL	Unit	
Environmental Agencies	Safety	-	UL UL60950-1 UL UL62368-1 TUV EN60950-1 TUV EN62368-1 CB IEC62368-1 CSA CSA-C22.2 No.60950-1 CSA CSA-C22.2 No.62368-1 CB IEC60950-1
	Emission	-	FCC Part 15 Class B EN55032 Class B CE
Environment	Overload protection	-	110% to 150% maximum rating, Auto-recovery
	Overvoltage protection	-	130% max. above nominal output, shutdown and latch off
	Short Circuit protection	-	Auto-recovery
	Operating Temperature	°C	0 to +70°C.
	Operating Humidity	%	Non-condensing 5% to 95%
	Storage Temperature	-	-20°C to +85°C.
	Current Share	-	Up to 4 units can be paralleled [Optional]
	Remote Inhibit	-	+5VSB/0.25A convection cooling, 1A forced air cooling; +12V/1A DC fan Output
	MTBF	H	> 100,000 hours @full load and 25°C ambient temperature
Dimension	Size(WxHxD) / Weight	mm/g	L203.2xW118.5xH42/860





Derating Curve

360W





Matching Connectors

360W

CN1: Input Connector

3-Pole Terminal block pitch: 8.25mm rate 20A/300V

Pin #	Signal
1	AC Neutral
2	AC Line
3	F.G.

CN2: +5VSB Output Connector

2.5mm or equivalent, mates with female housing

Pin #	Signal
1	+5VSB
2	GND

CN3: Remote Sense Connector

2.5mm or equivalent, mates with female housing

Pin #	Signal
1	Sense +
2	Sense -
3	+5VSB
4	GND
5	INHIBIT (Remote control)
6	Current Share

INHIBIT: Logic level HIGH(+5V): Enable, Logic level LOW: Disable(0V)

CN4: Main Output Connector

6-Pole Terminal block pitch: 8.25mm rate 20A/300V

Pin #	Signal
1	+Vo
2	+Vo
3	+Vo
4	RTN
5	RTN
6	RTN





Mechanical Specification (mm)

360W

