

# SE-1800 Single Output Power Series Parameters

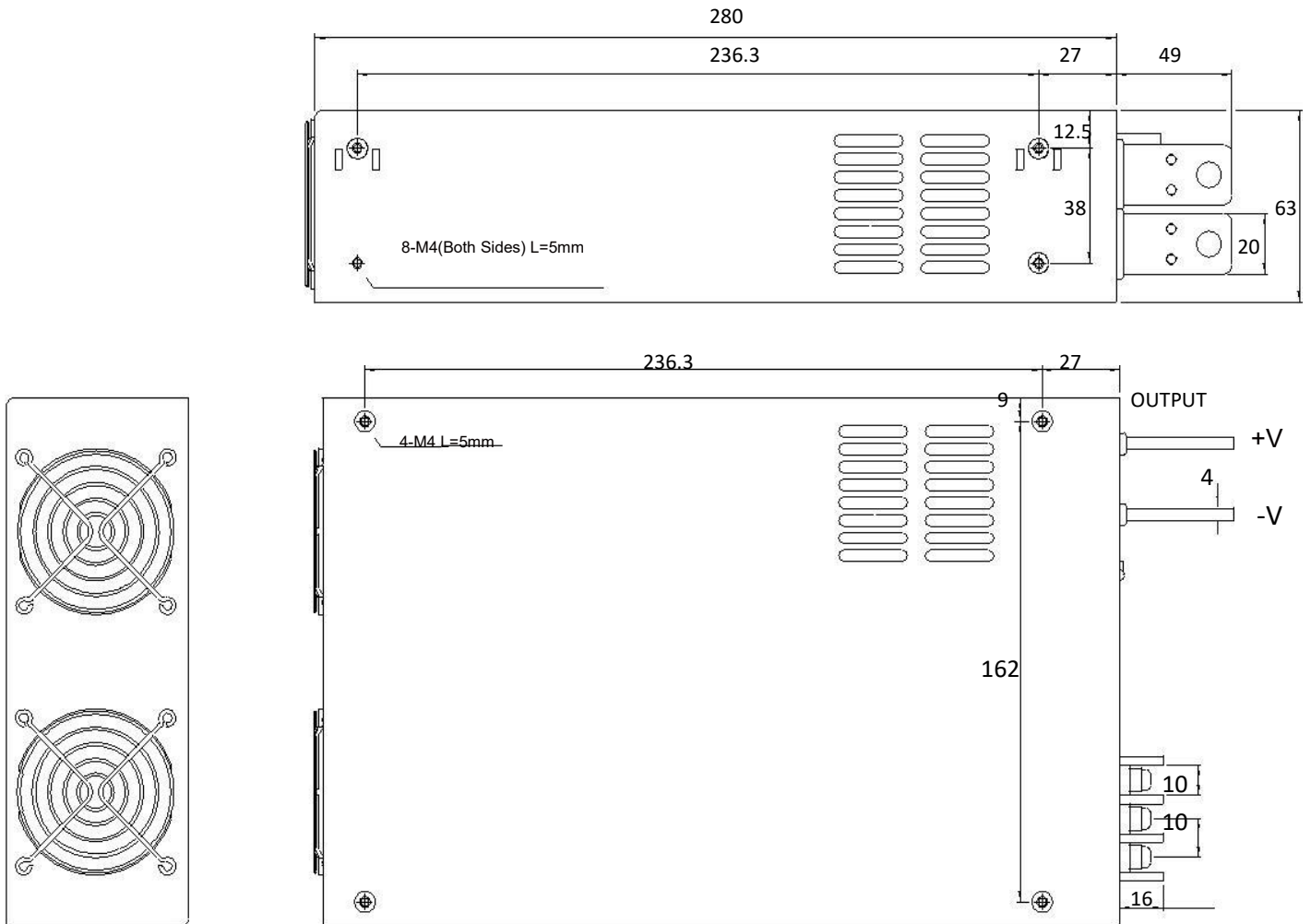
## Electrical Specifications

Model		SE-1800-30	SE-1800-36	SE-1800-48	SE-1800-60	SE-1800-68
<b>OUTPUT</b>	DC voltage	30V	36V	48V	60V	68V
	Current Rating	60A	50A	37.5A	30A	26A
	Current Range	0 ~60A	0 ~50A	0 ~37.5A	0 ~30A	0 ~26A
	rated power	1800W	1800W	1800W	1800W	1800W
	Ripple and Noise	480mVp-p	480mVp-p	480mVp-p	480mVp-p	480mVp-p
	Voltage adjustment range	ADJ-20%~+3%	ADJ-20%~+3%	ADJ-20%~+3%	ADJ-20%~+3%	ADJ-20%~+3%
	Voltage Accuracy	± 1.0%	± 1.0%	± 1.0%	± 1.0%	± 1.0%
	Line Regulation	± 0.5%	± 0.5%	± 0.5%	± 0.5%	± 0.5%
	Load Regulation	± 0.5%	± 0.5%	± 0.5%	± 0.5%	± 0.5%
	Start, the rise time	1000ms, 80ms ( Full )				
	Hold Time (Typ.)	10ms ( Full )				
<b>INPUT</b>	Voltage Range	180 ~ 264VAC 或 254 ~ 370VDC				
	Frequency Range	47 ~ 63Hz				
	Power Factor (Typ.)	0.75/230V ( Full )				
	Efficiency (Typ.)	88%	88%	88%	89%	89%
	Alternating current (Typ.)	14A/180VAC 10A/230VAC				
	Inrush current (Typ.)	Soft Start 19A/230VAC				
	Leakage current	<3.5mA / 240VAC				
<b>protection</b>	Overload	Rated output 100 ~ 105% Users can continuously adjustable constant current output signal via analog voltage or over-current protection current constant voltage linearly decreased to zero				
	Overvoltage	Close Protection Type Output Output voltage after the restart recovery				
	Over temperature	80℃ ± 5℃ Detection on power transistor radiators			105℃ ± 5℃ Detection on power transistor radiators	
		Output voltage temperature shutdown protection type automatic recovery after fall				
<b>Features</b>	Remote Switch					
	Auxiliary power	13.8V 0.5A The controller can be used for power supply				
	Output voltage control	Use 0 ~ 5V analog signal or MCU SPWM control output 0V to 100% of rated voltage, continuously adjustable linear rise				
	Output current control	Use 1 ~ 5V analog signal or MCU PWM control output current 0 to the maximum rated output current continuously adjustable				
	Parallel Current					
<b>surroundings</b>	Operating temperature	-20 ~ 70℃				
	Working humidity	20 ~ 90%RH Non-condensing				
	Temperature Coefficient	± 0.05%/℃ ( 0~50℃ )				
	Vibration resistance	10 ~ 500Hz, 2G 10 Ten minutes / cycle, X, Y, Z axes of 60 minutes				
<b>Safety and EMC</b>	Safety specifications	UL60950-1				
	Pressure	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC				
	Insulation resistance	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25℃/ 70% RH				

size	280*180*63(L*W*H)
备注	<p>1. 如未特别说明, 所有规格参数均在输入为230VAC, 额定负载, 25℃环境温度下进行测量。</p> <p>2. 纹波和噪声测量方法: 使用一条12"双绞线, 同时终端要并联0.1μf和47μf的电容, 在20MHz带宽下进行测量。</p> <p>3. 精度: 包含设定误差, 线性调整率和负载调整率。</p>

## Organization size

机壳型号 1520B 单位 mm



端子引脚分布

引脚编号	引脚功能
1	AC/L
2	AC/N
3	FG