



**Technical Data**

Index Type	S-150-5	S-150-7.5	S-150-9	S-150-12	S-150-13.5	S-150-15	S-150-24	S-150-27	S-150-48
DC Voltage	5V	7.5V	9V	12V	13.5V	15V	24V	27V	48V
Voltage Tolerance	±2%	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%
Rated Current	30A	20A	16.7A	12.5A	11.2A	10A	6.5A	5.6A	3.2A
Current Range	0-30A	0-20A	0-16.7A	0-12.5A	0-11.2A	0-10A	0-6.5A	0-5.6A	0-3.2A
Ripple&Noise(Max.)	150mVp-p	150mVp-p	180mVp-p	180mVp-p	180mVp-p	180mVp-p	240mVp-p	240mVp-p	240mVp-p
Line Regulation	±0.5%	±0.5%	±0.3%	±0.3%	±0.3%	±0.3%	±0.2%	±0.2%	±0.2%
Load Regulation	±1%	±0.5%	±0.3%	±0.3%	±0.3%	±0.2%	±0.2%	±0.2%	±0.2%
Rated Power	150W	150W	150.3W	150W	151.25W	150W	156W	151.2W	153.6W
Efficiency	78%	80%	80%	82%	83%	84%	85%	86%	87%
Voltage Adjust Range	4.5-5.5V	6-8.3V	8-10.4V	10.6-13.2V	12-15V	13.5-16.5V	21-28V	24-30V	43-53V
Voltage Range	88~132VAC/176-264VAC auto switch 47~63Hz;248~370VDC								
AC Current	3.2A/115V1.6A/230V								
Inrush Current(Max.)	cold start current 30A/115V60A/230V								
Leakage Current	<3.5mA/ 240VAC								
Overload Protection	105%-150%TYPE: OUTPUT CUTOUT AC Restart								
Over-voltage Protection	115%-135%								
Over-temperature Protection	.....								
Temp.Coefficient	±0.03%/°C(0~50°C)								
Setup,Rise,Hold Time	100ms,50ms,20ms								
Vibration Withstand	10~500Hz,2G10min,/11cycle,60min,each axes								
Isolated Resistor	I/P-O/P:3KVACI/P-FG:1.5KVACI/P-FG:0.5KVAC								
Working Temp.Humidity	-10°C~+60°C(REFER TO CHARACTER CURVE),20%~90RH								
Storage Temp.Humidity	-20°C~+85°C,10%~95%RH								
Dimension	199×110×50mm								
Weight	0.80kg								
Safety Standards	UL1950 TUV60950								
EMC	CISPR22(55022),IEC1000-4-2,3,4,5 IEC1000-3-2								

# Patron AC/DC Converter S-150

150W Single Output Switching Power Supply



TOLERANCE			
SCALE	UNIT mm		
DRAW Walter	DATE 27.6.2023	TITLE <b>AC/DC S-150</b>	
CHECK Spirk	REV		
		DESCRIPTION 150W AC/DC Converter	