



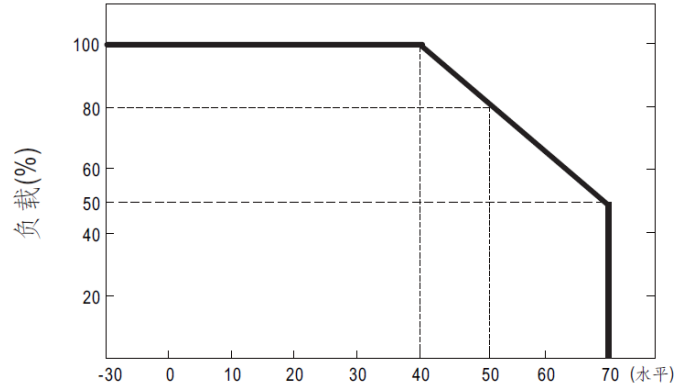
## Features

- IEC/EN 60950-1
- EMC EN 55022/FCC Part 15
- Low Leakage Current
- CE / FCC / CCC / RoHS / REACH
- 5 Year Warranty
- Longlife Capacitors 105°C



Specification						
	Model:	TSC-020-05	TSC-020-12	TSC-020-15	TSC-020-24	TSC-020-36
<b>Output</b>	DC Voltage:	5Vdc	12Vdc	15Vdc	24Vdc	36Vdc
	DC Adjustable Range:	± 5%	± 5%	± 5%	± 5%	± 5%
	Rated Current:	4A	1.6A	1.33A	0.83A	0.55A
	Current Range:	0 - 4A	0 - 1.6A	0 - 1.33A	0 - 0.83A	0 - 0.55A
	Rated Power:	20W	19.2W	20W	20W	20W
	Ripple & Noise:	100mVp-p	120mVp-p	150mVp-p	200mVp-p	360mVp-p
	Voltage Tolerance:	± 5%	± 5%	± 5%	± 5%	± 5%
	Line Regulation:	± 3%	± 3%	± 3%	± 3%	± 3%
	Load Regulation:	± 5%	± 5%	± 5%	± 5%	± 5%
	Setup, Hold Up Time:	3 Seconds Max./40mS Max./5mS Max. at 100Vac Input and Output at Max Load				
<b>Input:</b>	Input Voltage:	100 - 240Vac 50/60Hz				
	Input Current:	0.5A Max.				
	Inrush Current:	Cold Start 45A at 240Vac 50Hz, Full Load				
	Leakage Current:	2mA Max. 240Vac Input				
<b>Protection</b>	Withstand Voltage:	I/P - O/P: 1.5kVac I/P - FG: 0.5kVac O/P - FG: 0.5kVac				
	Isolation Resistance:	I/P - O/P, I/P - FG, O/P - FG: ≥100M Ohm / 500Vdc				
	Short Circuit (SCP):	Protection to Zero Voltage				
	Over Voltage (OVP):	≤ Vout × 150%				
	Over Current (OCP):	110% - 180%				
<b>Temp / Humidity</b>	Working Temp.:	-20°C to +60°C				
	Storage Temp.:	-40°C to +70°C				
	Working Humidity:	5% to 90% RH Non-Condensing				
<b>Certificates</b>	Certificates:	CE / FCC / CCC / RoHS / REACH / EMC				
	Safety Standards:	IEC / EN60950-1				
	Warranty:	5 Years (Longlife Capacitors +105°C, 4 - 10k/h)				
	MTBF:	100K Hours Min at Full Load +25°C				
<b>EMI Emission</b>	Radiation:	EN55022 / FCC Part 15				
	Harmonic Current:	EN61000-3-2				
	Voltage & Flicker:	EN61000-3-3				
<b>EMS Immunity</b>	ESD:	EN61000-4-2				
	Radiated:	EN61000-4-3				
	EFT / Burst Immunity:	EN61000-4-4				
	Surge Immunity:	EN61000-4-5				
	RF Immunity:	EN61000-4-6				
Voltage Interruptions:	EN61000-4-11					

Derating Curve



Dimension, Weight, Packaging		
Measurements	Dimension:	110 x 78 x 36mm (L x W x H)
	Weight:	138g
	Packaging:	50pcs/ctn. 36 x 23.6 x 25.5cm

Dimensions: (mm)

