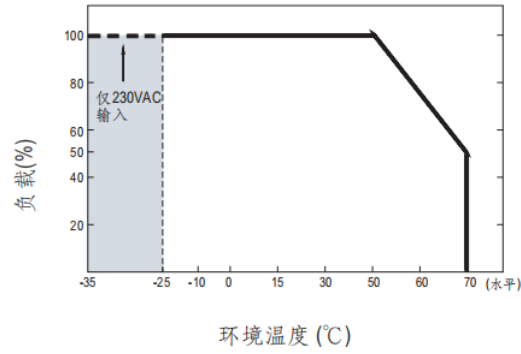




- 12V or 24V (Other Voltage Available)
- 5-Year Warranty. Longlife +105°C Capacitors
- MTBF 100K Hours Full Load +25°C
- Isolation Class II (No FG on AC Input)
- CE, EN61347-1:2015, EN61347-2-13:2014
- EMC: EN55015, EN61000-3-2
- Flicker Free (IEEE1789)

Specification			
	Model:	TS-YCL-100-12	TS-YCL-100-24
Output	DC Voltage:	12Vdc	24Vdc
	Rated Current:	8.3A	4.16A
	Current Range:	0 - 8.3A	0 - 4.16A
	Rated Power (Max.):	100W	100W
	Ripple & Noise (Max.):	≤ 1%	≤ 1%
	Voltage Tolerance:	± 5%	± 5%
	Line Regulation:	± 3%	± 3%
	Load Regulation:	± 5%	± 5%
	Efficiency:	92%	92%
	Setup, Rise Time:	1 Sec Max./4mS Max.	
Input:	Input Voltage:	100 - 240Vac 50/60Hz	
	Inrush Current:	65A Max. 230Vac 50Hz at Full Load	
	Leakage Current:	2.5mA Max. 264Vac Input	
	No Load Power:	≤ 0.5W	
Protection	Withstand Voltage:	I/P - O/P: 3.75kVac	
	Isolation Resistance:	100M Ohms / 500Vdc	
	Short Circuit (SCP):	Protection to Zero Voltage	
	Over Voltage (OVP):	≤ Vout 150%	
	Over Current (OCP):	110% - 180%	
Temp / Humidity	Working Temp.:	-30°C to +50°C	
	Storage Temp.:	-40°C to +70°C	
	Humidity:	5% to 90% RH Non-Condensing	
Certificates Approvals	Approvals:	CE / EN61347-1:2015 / EN61346-2-13:2014	
	MTBF:	100K Hours Min at Full Load at +25°C Ambient	
	Warranty:	5 Years (Longlife Capacitors 105°C, 4 - 10k/h)	
	IP Grade:	IP67	
EMI Emission	Conducted Disturbance:	EN 55015	
	Radiation & Conduction:	EN 55015	
	Magnetic Emission:	EN 55015:2013	
	Harmonic Current:	EN 61000-3-2	
	Voltage & Flicker:	EN 61000-3-3	
EMS Immunity	ESD Test:	IEC 61000-4-2	
	Radiated:	IEC 61000-4-3	
	EFT / Burst Immunity:	IEC 61000-4-4	
	Surge Immunity:	IEC 61000-4-5	
	RF Immunity:	IEC 61000-4-6	
	Magnetic Field:	IEC 61000-4-8	
	Voltage Dips / Interruptions:	IEC 61000-4-11	

Derating Curve



Dimension, Weight, Packaging		
Measurements	Dimension (L x W x H):	190 x 52 x 37mm
	Weight:	350g
	Packaging:	50PCS/CTN, 39 x 38.5 x 21.5cm

Dimension (mm)

