

YS400 SERIES



Input: 85-265VAC 50/60Hz
Output Voltage: 12V-55V DC
Rated Power: 360W max

Features

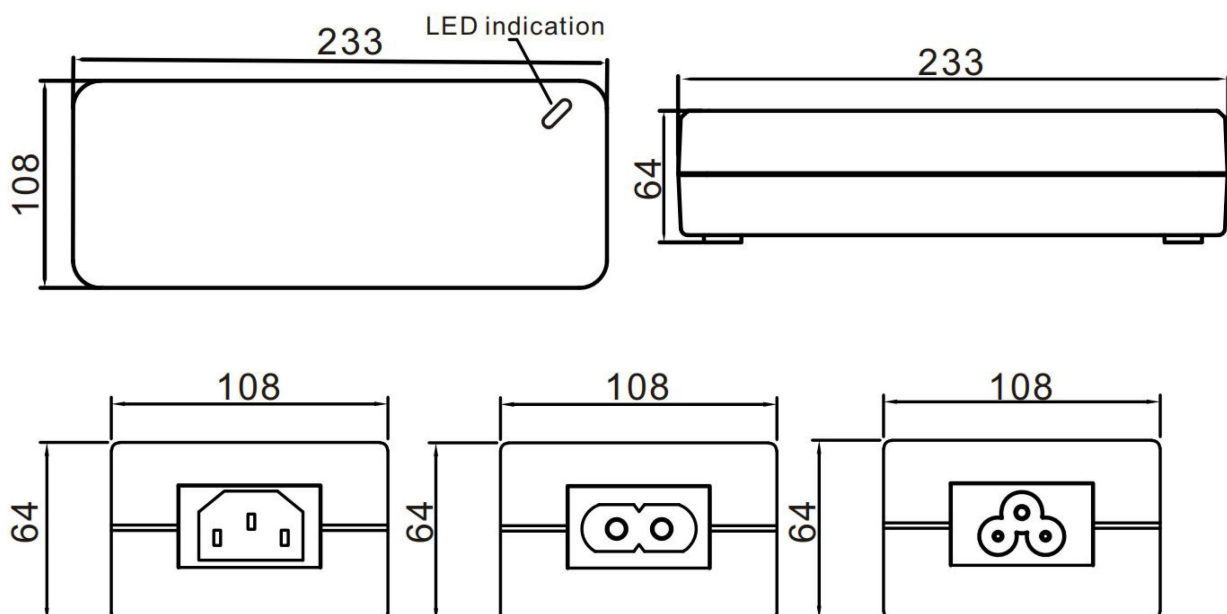
Univeral AC input/ Full range
Energy efficiency level VI
Leakage Current: < 1.5mA
Extremely low leakage current
Protection: Over load/Over voltage/Short circuit
Withstand voltage : 3KV
Life Warranty: 3 years

Application

Digital equipment
Consumer electronic devices
Telecommunication devices
Office facilities
Industrial equipments



■ Dimensions and Installation

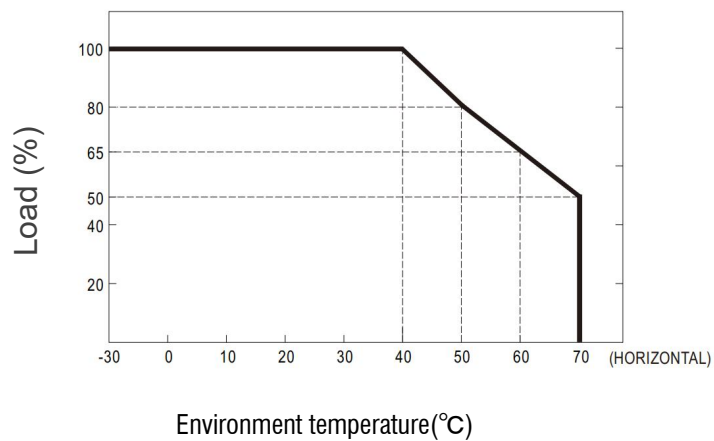


YS400 SERIES

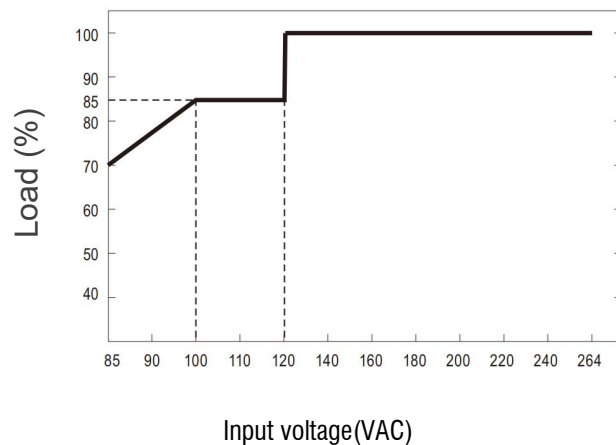
MODEL DETAIL SPEC.		YS400-12027500	YS400-15022700	YS400-24015000	YS400-36012500	YS400-48008330	YS400-55006550
INPUT	Input Voltage:	85-265VAC					
	Input Frequency:	50/60Hz					
	Inrush Current:	95A/115VAC 120A/230VAC					
	AC Current:	3.8A max.					
	Leakage Current:	< 1.5mA/240VAC					
	Efficiency:	90.5%	91%	92.5%	93%	94%	94.5%
OUTPUT	DC Voltage:	12V	15V	24V	36V	48V	55V
	Rated Current:	27.5A	22.7A	15A	12.5A	8.33A	6.55A
	Rated Power:	330W	340.5W	360W	360W	360W	360W
	Voltage Tolerance:	±5.0%	±5.0%	±5.0%	±5.0%	±5.0%	±5.0%
	Ripple and Noise:	120mVp-p	150mVp-p	200mVp-p	240mVp-p	250mVp-p	250mVp-p
	Line Regulation:	±3%					
	Load Regulation:	±5%	±5%	±5%	±5%	±5%	±5%
	Setup, Rise, Hold Up time:	2000ms, 60ms, 10ms 230VAC 2000ms, 60ms, 10ms 115VAC at full load					
ENVIRONMENTAL	Operating Temperature:	-30 ~ +70 (Refer to "Derating Curve")					
	Storage Temp:	-40°C ~ 85°C					
	Storage Humidity:	10 ~ 95% RH					
	Working Humidity:	20 ~ 95% RH non-condensing					
PROTECTION	Over Load:	135% -155% rated output power					
		Protection type: Hiccup mode, recovers automatically after fault condition is removed					
	Over Voltage:	105% -135% rated output power					
		Protection type: Shut down o/p voltage, re-power on to recover					
	Over Temperature:	When the NTC resistance temperature is between 85°C and 100°C ,The power supply shall be protected and no deformation and no discoloration on case					
SAFETY & EMC	Safety Regulations:	BS EN/EN62368-1 approved					
	Withstand Voltage:	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC					
	Isolation Resistance:	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C/ 70% RH					
	EMC Emission:	Compliance to BS EN/EN55032 (CISPR32), BS EN/EN61204-3 Class B, BS EN/EN61000-3-2,-3, EAC TP TC 020, CNS13438 Class B					
	EMC Immunity:	EN/EN61000-4-2,3,4,5,6,8,11					
OTHER	MTBF:	500Khrs min. MIL-HDBK-217F(25°C)					
	Size:	233*108*64mm					
	Weight:	1400g / pc					
	Packaging:	10PCS/CTN					

YS400 SERIES

Deduction curve and temperature

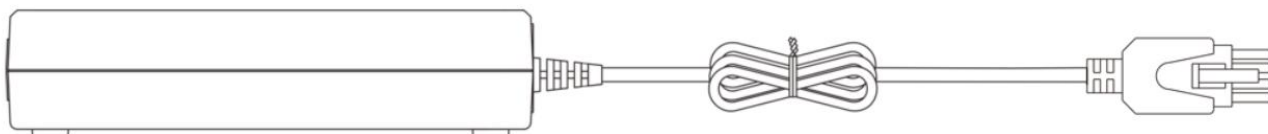


Minus output and input voltage curves



DC output plug

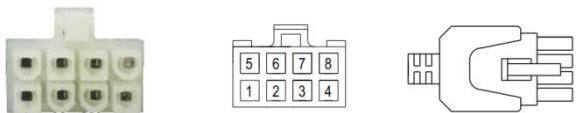
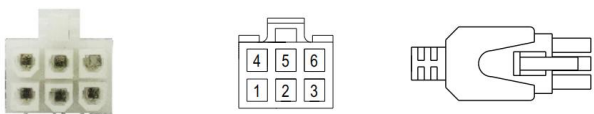
Standard plug: C6P



UL2464 16AWG 1000±50mm

YS400 SERIES

Optional DC plug: (Available in customized cable or quick adapter)

MOLEX 39-01-2080 equivalent for 12~15V	Type No.	Pin Assignment	
		PIN No.	Output
	C8P	1,2,3,4	+Vo
		5,6,7,8	-Vo
MOLEX 39-01-2060 equivalent for 24~55V	Type No.	Pin Assignment	
		PIN No.	Output
	C6P	1,2,3	+Vo
		4,5,6	-Vo
NEUTRIK XLR NC4FX equivalent for 36~55V	Type No.	Pin Assignment	
		PIN No.	Output
	MIC4	1	+Vo
		2	+Vo
		3	-Vo
		4	-Vo
AMP 1-480702-0 (6.35mm) equivalent for 36~55V	Type No.	Pin Assignment	
		PIN No.	Output
	C4P	1	+Vo
		2	+Vo
		3	-Vo
		4	-Vo
	Type No.	Pin Assignment	
		PIN Color	Output
	by customer	RED	+Vo
		BLACK	-Vo