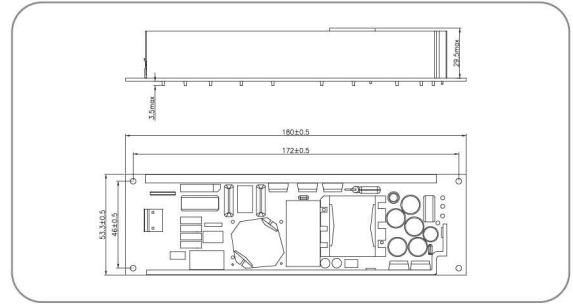


# Open Frame **SYS1576 Series Open 130W max**



## Green Mode

※ Connector or Cable Type

Dimension | 180x53.3x29.5(mm)

Efficiency level | VI.

## Specification



Model	Voltage DC [V]	min. Load [A]	max. Load [A]	Line / Road regulation [%]	Hold up time [ms]	Max Power [W]	Ripple & Noise [mV] p-p
SYS1576-12012 Open	12	0	10	±5	10	120	200
SYS1576-12015 Open	15	0	8	±5	10	120	200
SYS1576-12018 Open	18	0	6.66	±5	10	120	200
SYS1576-12019 Open	19	0	6.31	±5	10	120	200
SYS1576-12020 Open	20	0	6.0	±5	10	120	200
SYS1576-12024 Open	24	0	5.0	±5	10	120	240
SYS1576-12036 Open	36	0	3.6	±5	10	130	360
SYS1576-12048 Open	48	0	2.7	±5	10	130	480
SYS1576-12054 Open	54	0	2.4	±5	10	130	540

OUTPUT	
Turn on delay	3000ms max. At AC low line input @ output full load
Hold up time	10ms min. At AC nominal input @ output full load (> half cycle)
Efficiency (Normal)	Meet CEC, DOE, ERP, MEPS Level ③ @ 115V / 60Hz, 230V / 50Hz
Transient response (dv/dt max)	0.4V dv max. At AC nominal input loading from 20% load to 80% load 16ms t max Dynamic rise time 10us max, duty 40 ms max, Dynamic load step is slew rate of 0.5A/us
Power out limit	Peak 150W for series
Burn in limit	Full load 2 Hours

INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)Hz
Current	4.0A rms. At AC low line input and DC output full load
Inrush Surge Current (cold start)	40/60A max. At power supply cold start, ambient temperature 25°C @ 115VAC / 230VAC nominal AC input
Power Factor	0.9 min. At AC 115VAC / 230VAC and DC output full load
Leakage current	0.25 mA max
Power consumption	0.21W rms max. At AC nominal input @ output min load

PROTECTION	
Over current protection / Output Short protection	The power supply will self-protect any output to ground, And auto recovery when abnormal circuit faults remove, And output short circuit is defined as any output impedance of less than 0.1 ohms.
Over Voltage Protection	The power supply will be auto recovered when faults remove.
Input protection	F1:6A 250V Fuse. The power supply shall be protected against power line surge and any abnormal condition
No load protection	The power supply is provided with no load operation to prevent the power supply and system from damage.
Protection class	Class II

OTHERS	
Dielectric Strength (Hi-pot)	Primary to Secondary: 3000VAC / 10mA / 60S
M.T.B.F	50K hours full rated load operation at 25°C, according to the MIL-HDBK-217F
Cooling method	By natural air
Temperature coefficient	< ±0.5% / °C

ENVIRONMENT	
Temperature	Operating: (0~50)°C / Storage: (-20~85)°C
Humidity	Operating: 8%~90%RH Storage: 5%~95%RH non-condensing

SAFETY & EMC STANDARD	
Meet EN55032, EN55035, FCC Part 15 Subpart B	
IEC62368-1:2014	

WEIGHT	
1pc	N.W: 380 g / pc
	G.W: 12.0 kg / box

PACKING	
PE plastic bag	30 pcs / 1 box

FEATURES	
Open frame power supply, single output.	
Wide range input (90~264)VAC / (47~63)Hz.	
Overload over voltage & short protection. For I.T.E use only + RoHS conform.	