

Country of Origin : China  
 Operating Temperature : 0~40 [°C]  
 Dimension : 169 x 61 x 39 [mm]  
 Efficiency level (ErP) : VI



Approvals / Marks :



**Specifications**

Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1576-12012-M3	12	0~10.0	120	200	2.1x5.5x11
SYS1576-12015-M3	15	0~8.0	120	200	2.1x5.5x11
SYS1576-12018-M3	18	0~6.66	120	200	2.1x5.5x11
SYS1576-12019-M3	19	0~6.31	120	200	2.1x5.5x11
SYS1576-12020-M3	20	0~6.0	120	200	2.1x5.5x11
SYS1576-12024-M3	24	0~5.0	120	240	2.1x5.5x11
SYS1576-13036-M3	36	0~3.6	130	360	2.1x5.5x11
SYS1576-13048-M3	48	0~2.7	130	480	2.1x5.5x11
SYS1576-13054-M3	54	0~2.4	130	540	2.1x5.5x11

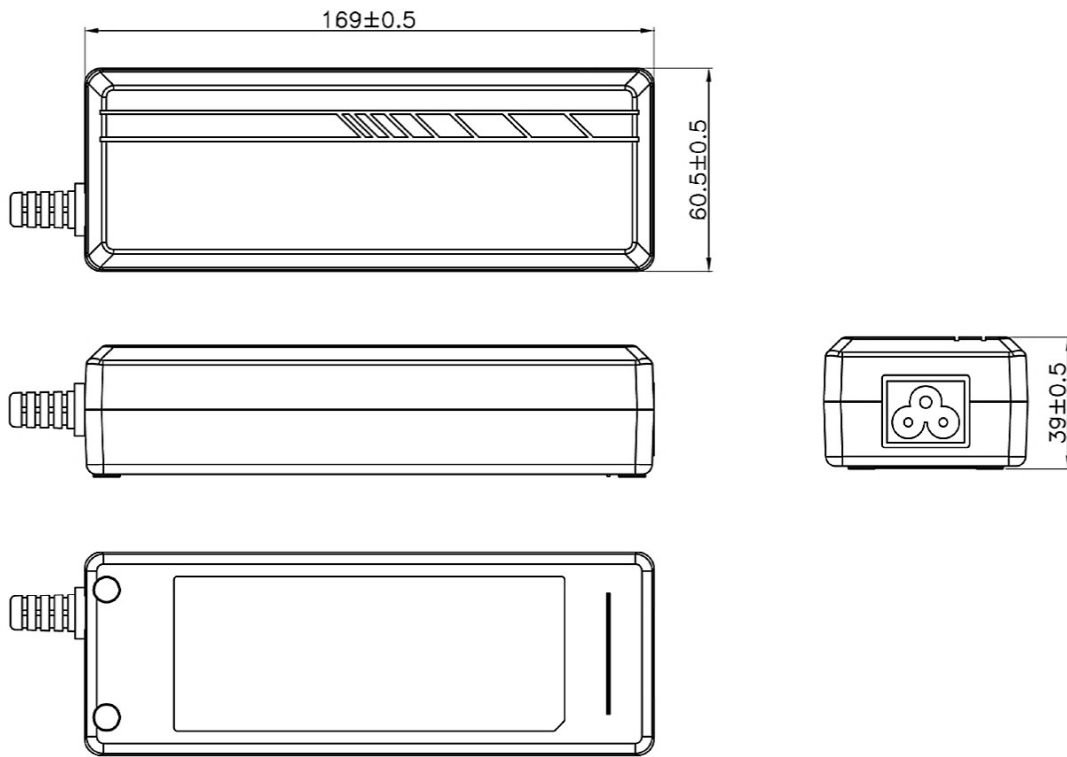
**Features:**

Available in inlet version: C5 (M3)  
 Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified  
 Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

OUTPUT	
Turn delay	7000ms max@AC low line input@output full load
Hold up time	5ms min@AC nominal input@output full load (>half cycle)
Efficiency (Normal)	Meet CEC,DOE,ERP,MEPS Level VI@115v/60HZ,230V/50HZ
Transient response (dv,tmax)	1.2V dv max At AC nominal input loading from 20%load to 80% load Dynamic rise time 10 us max,duty 40ms max,Dynamic load step is slew rate of 0.5A/us
Power out.Limit	Peak 150w
Burn in limit	Full load 2 Hours
Power consumption	Less than 0.21W ms max. At AC nominal input@output min load
INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	4A rms@AC low line input and DC output full load
Inrush Surge Current (cold start)	120A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	3.5mA max
PROTECTION	
Over current/ Short protection	The power supply will self-protect any output to ground & auto recovery when abnormal circuit faults remove. An output short circuit is defined as any output impedance less than 0.1 ohms.
Over Voltage	The power supply will be auto recovered when faults remove
Input protection	F1:6.3A 250V Fuse The power supply shall be protected against power line surges 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	I, (ITU-T K.21 Surge 6KV on request)

CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 60950-1:2006+A11+A1+A12+A2
SAFETY	
UL   GS   CB   CE   FCC   SAA   RCM   T-licence	
OTHERS	
Dielectric Strength	Primary to Secondary:1500VAC 10mA/60S
M.T.B.F	500,000 Calculated Hours at 25°C, by Telcordia SR-332
Cable Length	1500mm (5 feet) standard cable or as required
PLD (power line disturbance)	Line power surge   Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC or PPO
Temperature coefficient:	<±0.5%/°C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20%~85% °C
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condensing
WEIGHT	
NW: 540 g/pc (estimated)	
GW: 15.5 kg/box (estimated)	
PACKING	
25 pcs/1 box	

Mechanical case specification:



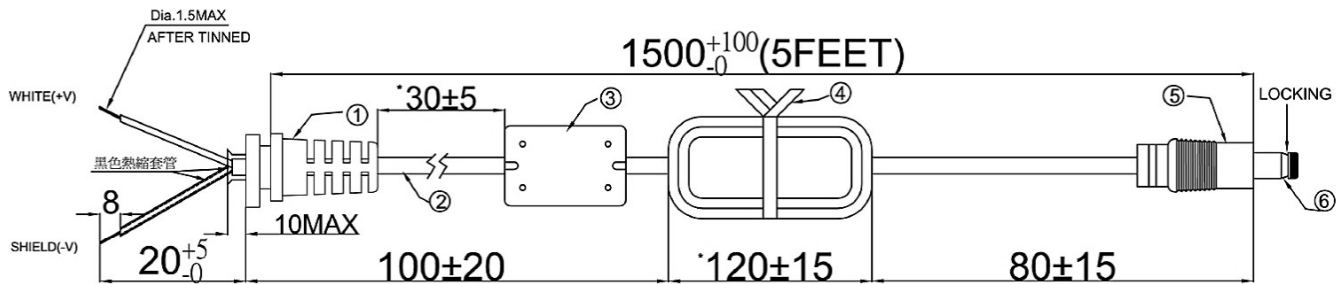
Cable specification:

for models with Voltage 12V-15V

1185#14\*1C+SHIELD|1500mm

for models with Voltage 18V-54V

1185#16\*1C+SHIELD|1500mm



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