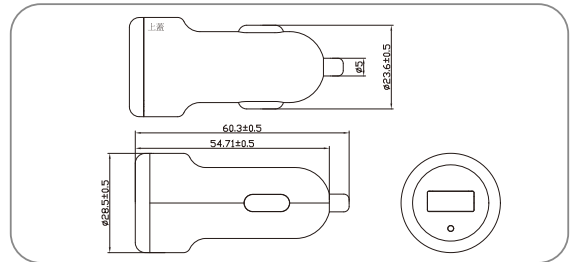


# Car Charger SYD1175 & SYD1178 12W max



## Green Mode

Dimension | 60.3x23.6x28(mm)

FC CE (E13) Only for 0505

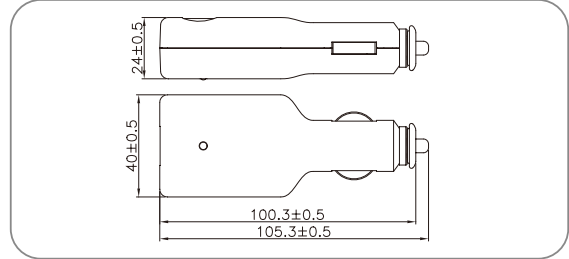
## Specification

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
SYD1175-0505	5	0	1	±5	5	5	150
SYD1178-1205	5	0	2.4	±5	5	12	150

OUTPUT	
Turn on delay	1000ms max@AC low line input@output full load
Efficiency(Normal)	>80% @Input 12V-24V and output full load
Power out Limit	Peak 14W for model 1205
	Peak 6W for model 0505
Burn in limit	Full load 2 Hours
INPUT	
Voltage	(11-30)VDC
Current	1.5A rms @at low line input and DC output full load
PROTECTION	
Over Current /Short Protection	The power supply will self-protect any output to ground, And auto recovery when abnormal circuit faults remove . An 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	2.5A/63V SMD Fuse
No load protection	The power supply is provided with no load operation to prevent the power supply and system from damage.
OTHERS	
M.T.B.F	50K hours full rated load operation at 25°C, according to the MIL-HDBK -217F
Cable Length	USB or Cable depends on customer requirements

OTHERS	
Cooling method	By natural air
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
SAFETY & EMC STANDARD	
Meet EN55022 classB, FCC part 15 Sub part B class B	
EN50498:2010	
WEIGHT	
1pc	N.W: 17 g / pc
	G.W: 5.5 kg / box
PACKING	
PE plastic bag	300 pcs/1 box
FEATURES	
For Smart phone/Digital products USB peripherals/Telecom products and others, single output Wide range Input(11-30)VDC.	

# Car Charger SYD1150 & SYD1151 15W max



## Green Mode

Dimension | 105 x 40 x 24 (mm)

※ USB & Cable Type



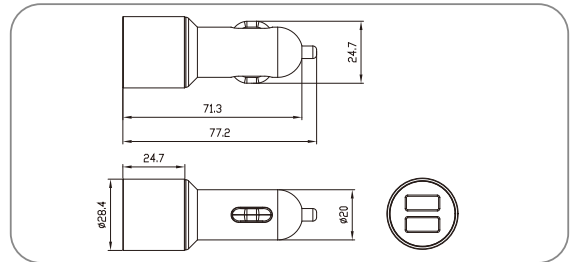
## Specification

Model	Voltage DC [V]	min. Load [A]	max. Load [A]	Line / Road regulation [%]	Max Power [W]	Ripple & Noise [mV] p-p
SYD1150-1005	5	0	0~2	±5	10	150
SYD1150-1509	9	0	0~1.6	±5	15	200
SYD1151-1405	5.4	0	0~2.5	±5	14	150

OUTPUT	
Turn on delay	1000ms max@DC low line input@output full load
Efficiency(Normal)	> 75% @240 VDC Input & Full load
Power out Limit	Peak 12W for Model 1005
Burn in test	Full load 2 Hours
INPUT	
Voltage	(11-30)VDC
Current	1.8A ms@ At low line input and DC output full load
PROTECTION	
Over Current /Short Protection	The power supply will self-protect any output to ground, And auto recovery when abnormal circuit faults remove. An 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	T2A/250V Fuse.
No load protection	The power supply is provided with no load operation to prevent the power supply and system from damage.
OTHERS	
M.T.B.F	50K hours full rated load operation at 25°C, according to the MIL-HDBK -217F
Cable Length	USB or Cable depends on customer requirements

OTHERS	
Cooling method	By natural air
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
SAFETY & EMC STANDARD	
Meet EN55022 classB, EN 60950-1:2006+A11+A1+A12+A2	
WEIGHT	
1pc	N.W: 40 g / pc
	G.W: 11.7 kg / box
PACKING	
PE	280 pcs / 1 box
FEATURES	
For I Pad / Tablet and other. Wide range input (11~30)VDC. Overload, over voltage & short protection. For I.T.E+ RoHS conform.	

# Car Charger SYD1187 24W max



## Green Mode

Dimension | 77.2 x 28.4 x 24.7(mm)



## 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
SYD1187-2405	5	0	4.8	±5	5	24	200

OUTPUT	
Turn on delay	1000ms max@AC low line input@output full load
Efficiency(Normal)	>80% @Input 12V-24V and output full load
Power out Limit	Peak 26W
Burn in limit	Full load 2 Hours
INPUT	
Voltage	(11-30)VDC
Current	2.8A rms @at low line input and DC output full load
PROTECTION	
Over Current /Short Protection	The power supply will self-protect any output to ground, And auto recovery when abnormal circuit faults remove . An 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	3.5A/63V SMD Fuse
No load protection	The power supply is provided with no load operation to prevent the power supply and system from damage.
OTHERS	
M.T.B.F	50K hours full rated load operation at 25°C, according to the MIL-HDBK -217F

OTHERS	
Cable Length	USB
Cooling method	By natural air
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
SAFETY & EMC STANDARD	
Meet EN550022 classB, FCC part 15 Sub part B class B	
EN50498:2010	
WEIGHT	
1pc	N.W: 60g / pc
	G.W: 7 kg / box
PACKING	
PE plastic bag	100pcs / 1 box
FEATURES	
For Smart phone/Digital products USB peripherals/Telecom products and others Wide range Input(11-30)VDC.	