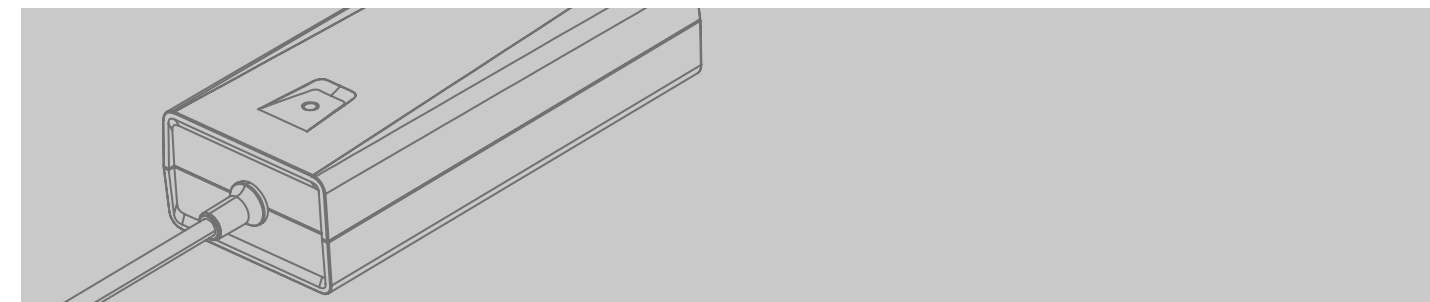




BATTERY CHARGER



Catalogue 2024

Via L.da Vinci, 47 -20030 Senago (MI) Tel.029989684
info@larsonnuova.it www.larsonnuova.it

Index

03-08 | Wall Mountable
Battery Charger

09-18 | Desktop
Battery Charger

19-22 | Aluminium Housing
Battery Charger

Introduction

Yingjiao Electrical Co.,Ltd. was established in 1995 and is dedicated to the design and development of all types of low voltage power adapters, LED drivers, utilizing scaled manufacturing and global sales to fully serve the world's electronic and electric industries. The core products include switching & linear power adapters, battery chargers, transformers, DIN rail power supply, LED drivers and completely customizable power solutions, designed for use in telecommunications, IT equipment, consumer electronic devices, security system, automation, medical equipments, smart home, LED lights and much more.

Yingjiao owns independent high-frequency transformer and SMT workshops, along with 22 production lines for manufacturing & assembling, sell over 660 million power supply products in the past years. Committed to total quality management through continuing improvement processes, including derating & reliability analytics testing, MTBF procedures are an integral part of our research and development, with quality assurance management in support of ISO9001 quality systems ensure that Yingjiao consistently offers the highest quality products for our customers.

Yingjiao products comply with RoHS, PAHS, REACH and WEEE standards, Achieve CoC V5 and DoE VI of efficiency level, obtained and maintained UL, cUL, FCC, TUV-GS, CB, CSA, PSE, RCM, KC, EAC, CE, EMC and CCC safety certificates.

In addition to our full line of products, Yingjiao is able to offer complete ODM/OEM product development to meet the individual requirements of our business partners.

Our Values
Yingjiao is committed to becoming your premier power supply partner. With unsurpassed customer service and professionalism, Yingjiao is uniquely suited to deliver market leading power supplies and LED drivers to meet your own specific requirements.

International Authoritative Certifications



Wall Mountable
Shape

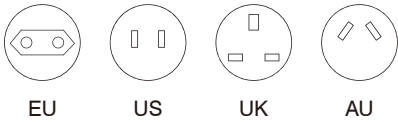


YS7C 7W Series

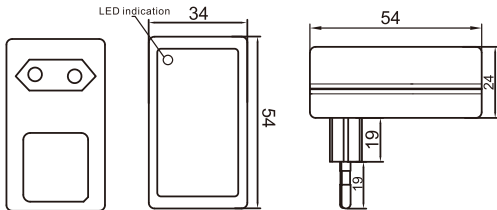
Wall Mount Type



Rated Power :7W
Input:100-240VAC 50/60Hz
Standby Power:<0.075W
Output:4.2-29.4V
Protection:Short Circuit,Reverse-connection,Overload/Over Temperature protection.
Charger for li-ion Batteries, Lifepo4 Batteries and Lead acid batteries
2 Color LED indicate charging status



Dimensions:(mm)



Safety Standard:

UL1310, IEC/BS/EN61558-1
IEC/BS/EN60335-2-29
IEC/BS/EN60335-1



Electrical Characteristics

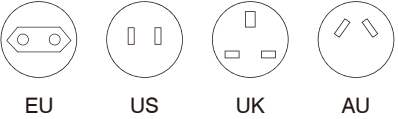
Li-ion Battery/ Model	YS7C-0421000	YS7C-0840800	YS7C-1260500	YS7C-1680400	YS7C-2100300	YS7C-2520250	YS7C-2940200
Voltage/Cell	4.2V / 1S	8.4V / 2S	12.6V / 3S	16.8V / 4S	21V / 5S	25.2V / 6S	29.4V / 7S
Rated Current	1A	0.8A	0.5A	0.4A	0.3A	0.25A	0.2A
Lifepo4 Battery/ Model	YS7C-0371500	YS7C-0740900	YS7C-1110600	YS7C-1460500	YS7C-1820400	YS7C-2190300	YS7C-2550250
Voltage/Cell	3.7V / 1S	7.4V / 2S	11.1V / 3S	14.6V / 4S	18.2V / 5S	21.9V / 6S	25.5V / 7S
Rated Current	1.5A	0.9A	0.6A	0.5A	0.4A	0.3A	0.25A
Lead acid battery/ Model	YS7C-1440500	YS7C-2880250					
Voltage/Cell	14.4V	28.8V					
Rated Current	0.5A	0.25A					
Input Voltage	100-240VAC /127-370VDC						
Input Frequency	50/60Hz						
Input current	0.5A/115VAC						
Inrush current	30A/230VAC						
Leakgae Current:	<0.25mA/240VAC						
LED indicate	Charging:Red ,Full charged/Idle :Green						
Protection	Short Circuit,Reverse-connection,Overload/Over Temperature protection.						
Operating Temperature	-20~+50°C						
Storage Temperature	-40~+85°C						
Storage Humidity	10%-95% RH						
Working Humidity	20%-90% RH non-condensing						
MTBF	200K hrs min. MIL-HDBK-217F(25C)						
Dimension	54x34x24mm						

YS12C 13W Series

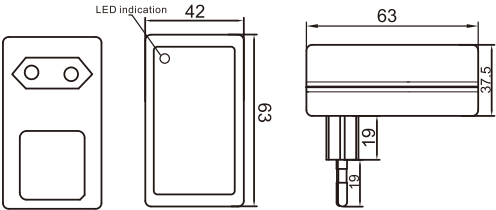
Wall Mount Type



Rated Power :13W
Input:100-240VAC 50/60Hz
Standby Power: <0.075W
Output:4.2-43.2V
Protection:Short Circuit,Reverse-connection,Overload/Over Temperature protection.
Charger for li-ion Batteries, Lifepo4 Batteries and Lead acid batteries
2 Color LED indicate charging status



Dimensions:(mm)



Safety Standard:
UL1310, IEC/BS/EN61558-1
IEC/BS/EN60335-2-29
IEC/BS/EN60335-1



Electrical Characteristics

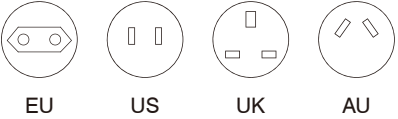
Li-ion Battery/ Model	YS12C-0421500	YS12C-0841400	YS12C-1261000	YS12C-1680700	YS12C-2520500	YS12C-2940400	YS12C-3360350
Voltage/Cell	4.2V / 1S	8.4V / 2S	12.6V / 3S	16.8V / 4S	25.2V / 6S	29.4V / 7S	33.6V / 8S
Rated Current	1.5A	1.4A	1A	0.7A	0.5A	0.4A	0.35A
Lifepo4 Battery/ Model	YS12C-0372000	YS12C-0741500	YS12C-1111000	YS12C-1460800	YS12C-2190500	YS12C-2550450	YS12C-2920400
Voltage/Cell	3.7V / 1S	7.4V / 2S	11.1V / 3S	14.6V / 4S	21.9V / 6S	25.5V / 7S	29.2V / 8S
Rated Current	2A	1.5A	1A	0.8A	0.5A	0.45A	0.4A
Lead acid battery/ Model	YS12C-1440800	YS12C-2880400	YS12C-4320250				
Voltage/Cell	14.4V	28.8V	43.2V				
Rated Current	0.8A	0.4A	0.25A				
Input Voltage	100-240VAC /127-370VDC						
Input Frequency	50/60Hz						
Input current	0.5A/115VAC						
Inrush current	30A/230VAC						
Leakgae Current:	<0.25mA/240VAC						
LED indicate	Charging:Red ,Full charged/Idle :Green						
Protection	Short Circuit,Reverse-connection,Overload/Over Temperature protection.						
Operating Temperature	-20~+50℃						
Storage Temperature	-40~+85℃						
Storage Humidity	10%-95% RH						
Working Humidity	20%-90% RH non-condensing						
MTBF	200K hrs min. MIL-HDBK-217F(25C)						
Dimension	63x42x37.5mm						

YS25C 25W Series

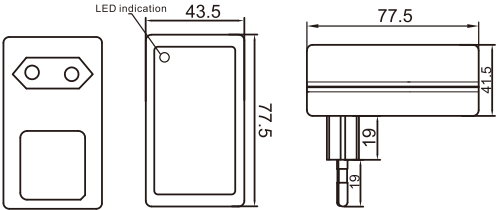
Wall Mount Type



Rated Power:25.2W
Input:100-240VAC 50/60Hz
Standby Power: <0.1W
Output:4.2-43.2V
Protection:Short Circuit,Reverse-connection,Overload/Over Temperature protection.
Charger for li-ion Batteries, Lifepo4 Batteries and Lead acid batteries
2 Color LED indicate charging status



Dimensions:(mm)



Safety Standard:
UL1310, IEC/BS/EN61558-1
IEC/BS/EN60335-2-29
IEC/BS/EN60335-1



Electrical Characteristics

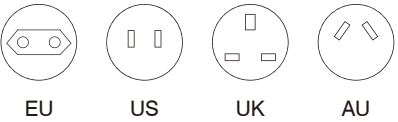
Li-ion Battery/ Model	YS25C-0423000	YS25C-0843000	YS25C-1262000	YS25C-1681500	YS25C-2521000	YS25C-2940850	YS25C-3360700
Voltage/Cell	4.2V / 1S	8.4V / 2S	12.6V / 3S	16.8V / 4S	25.2V / 6S	29.4V / 7S	33.6V / 8S
Rated Current	3A	3A	2A	1.5A	1A	0.85A	0.7A
Lifepo4 Battery/ Model	YS25C-0373000	YS25C-0743000	YS25C-1112000	YS25C-1461500	YS25C-2191000	YS25C-2551000	YS25C-2920800
Voltage/Cell	3.7V / 1S	7.4V / 2S	11.1V / 3S	14.6V / 4S	21.9V / 6S	25.5V / 7S	29.2V / 8S
Rated Current	3A	3A	2A	1.5A	1A	1A	0.8A
Lead acid battery/ Model	YS25C-1441500	YS25C-2880800	YS25C-4320500				
Voltage/Cell	14.4V	28.8V	43.2V				
Rated Current	1.5A	0.8A	0.5A				
Input Voltage	100-240VAC /127-370VDC						
Input Frequency	50/60Hz						
Input current	0.6A/115VAC						
Inrush current	30A/230VAC						
Leakgae Current:	<0.25mA/240VAC						
LED indicate	Charging:Red ,Full charged/Idle :Green						
Protection	Short Circuit,Reverse-connection,Overload/Over Temperature protection.						
Operating Temperature	-20~-+50°C						
Storage Temperature	-40~-+85°C						
Storage Humidity	10%-95% RH						
Working Humidity	20%-90% RH non-condensing						
MTBF	200K hrs min. MIL-HDBK-217F(25C)						
Dimension	77.5x43.5x41.5mm						

YS40C 40W Series

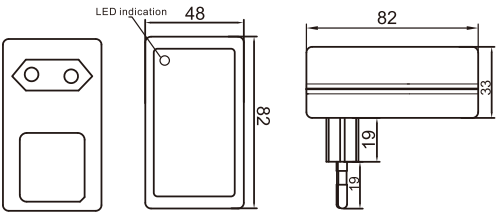
Wall Mount Type



Rated Power:40W
Input:100-240VAC 50/60Hz
Standby Power:<0.1W
Output:8.4-43.2V
Protection:Short Circuit,Reverse-connection,Overload/Over Temperature protection.
Charger for li-ion Batteries, Lifepo4 Batteries and Lead acid batteries
2 Color LED indicate charging status



Dimensions:(mm)



Safety Standard:
UL1310, IEC/BS/EN61558-1
IEC/BS/EN60335-2-29
IEC/BS/EN60335-1



Electrical Characteristics

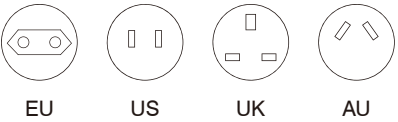
Li-ion Battery/ Model	YS40C-0844000	YS40C-1263000	YS40C-1682400	YS40C-2101900	YS40C-2521500	YS40C-2941300	YS40C-4200900
Voltage/Cell	8.4V / 2S	12.6V / 3S	16.8V / 4S	21.0V / 5S	25.2V / 6S	29.4V / 7S	42V / 10S
Rated Current	4.0A	3.0A	2.4A	1.9A	1.5A	1.3A	0.9A
Lifepo4 Battery/ Model	YS40C-0734000	YS40C-1103600	YS40C-1462700	YS40C-1832200	YS40C-2191800	YS40C-2561500	YS40C-3651000
Voltage/Cell	7.3V / 2S	11.0V / 3S	14.6V / 4S	18.3V / 5S	21.9V / 6S	25.6V / 7S	36.5V / 10S
Rated Current	4A	3.6A	2.7A	2.2A	1.8A	1.5A	1.0A
Lead acid battery/ Model	YS40C-1383000	YS40C-2881300	YS40C-2881300	YS40C-4320900			
Voltage/Cell	13.8V	14.4V	28.8V	43.2V			
Rated Current	3A	2.7A	1.3A	0.9A			
Input Voltage	100-240VAC /127-370VDC						
Input Frequency	50/60Hz						
Input current	0.8A/115VAC						
Inrush current	30A/230VAC						
Leakgae Current:	<0.25mA/240VAC						
LED indicate	Charging:Red ,Full charged/Idle :Green						
Protection	Short Circuit,Reverse-connection,Overload/Over Temperature protection.						
Operating Temperature	-20~+50℃						
Storage Temperature	-40~+85℃						
Storage Humidity	10%-95% RH						
Working Humidity	20%-90% RH non-condensing						
MTBF	200K hrs min. MIL-HDBK-217F(25C)						
Dimension	82x48x33mm						

YS60C 60W Series

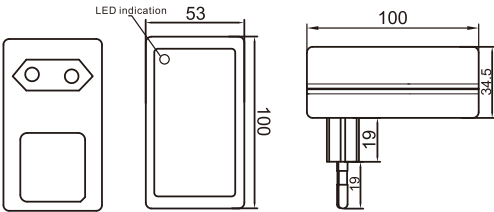
Wall Mount Type



Rated Power:60W
Input:100-240VAC 50/60Hz
Standby Power:<0.1W
Output:8.4-57.6V
Protection:Short Circuit,Reverse-connection,Overload/Over Temperature protection.
Charger for li-ion Batteries, Lifepo4 Batteries and Lead acid batteries
2 Color LED indicate charging status



Dimensions:(mm)



Safety Standard:
UL1310, IEC/BS/EN61558-1
IEC/BS/EN60335-2-29
IEC/BS/EN60335-1



Electrical Characteristics

Li-ion Battery/ Model	YS60C-0845000	YS60C-1265000	YS60C-1683500	YS60C-2102800	YS60C-2522300	YS60C-2942000	YS60C-4201400
Voltage/Cell	8.4V / 2S	12.6V / 3S	16.8V / 4S	21.0V / 5S	25.2V / 6S	29.4V / 7S	42V / 10S
Rated Current	5.0A	5.0A	3.5A	2.8A	2.3A	2.0A	1.4A
Lifepo4 Battery/ Model	YS60C-0735000	YS60C-1105000	YS60C-1464100	YS60C-1833200	YS60C-2192700	YS60C-2562300	YS60C-3651600
Voltage/Cell	7.3V / 2S	11.0V / 3S	14.6V / 4S	18.3V / 5S	21.9V / 6S	25.6V / 7S	36.5V / 10S
Rated Current	5.0A	5.0A	4.1A	3.2A	2.7A	2.3A	1.6A
Lead acid battery/ Model	YS60C-1384000	YS60C-1444100	YS60C-2882000	YS60C-4321300	YS60C-5761000		
Voltage/Cell	13.8V	14.4V	28.8V	43.2V	57.6V		
Rated Current	4A	4.1A	2.0A	1.3A	1A		
Input Voltage	100-240VAC /127-370VDC						
Input Frequency	50/60Hz						
Input current	1.5A/115VAC						
Inrush current	50A/230VAC						
Leakgae Current:	<0.25mA/240VAC						
LED indicate	Charging:Red ,Full charged/Idle :Green						
Protection	Short Circuit,Reverse-connection,Overload/Over Temperature protection.						
Operating Temperature	-20~+50°C						
Storage Temperature	-40~+85°C						
Storage Humidity	10%-95% RH						
Working Humidity	20%-90% RH non-condensing						
MTBF	200K hrs min. MIL-HDBK-217F(25C)						
Dimension	100x53x34.5mm						



Desktop
Shape

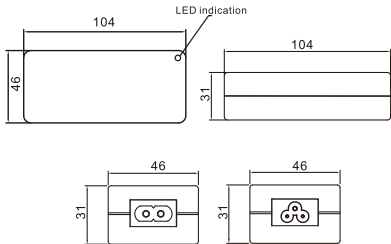
YS25C 36W Series

Desktop Type



Rated Power:36W
Input:100-240VAC 50/60Hz
Standby Power:<0.1W
Output:7.4-57.6V
Protection:Short Circuit,Reverse-connection,Overload/Over Temperature protection.
Charger for li-ion Batteries, Lifepo4 Batteries and Lead acid batteries
2 Color LED indicate charging status

Dimensions:(mm)



Safety Standard:

UL1310, IEC/BS/EN61558-1
IEC/BS/EN60335-2-29
IEC/BS/EN60335-1



Electrical Characteristics

Li-ion Battery/ Model	YS25C-0844000	YS25C-1262500	YS25C-1682000	YS25C-2521500	YS25C-2941200	YS25C-3361000	YS25C-4200800
Voltage/Cell	8.4V / 2S	12.6V / 3S	16.8V / 4S	25.2V / 6S	29.4V / 7S	33.6V / 8S	42V / 10S
Rated Current	4A	2.5A	2A	1.5A	1.2A	1A	0.8A
Lifepo4 Battery/ Model	YS25C-0744000	YS25C-1113000	YS25C-1462500	YS25C-2191500	YS25C-2551400	YS25C-2921200	YS25C-3651000
Voltage/Cell	7.4V / 2S	11.1V / 3S	14.6V / 4S	21.9V / 6S	25.5V / 7S	29.2V / 8S	36.5V / 10S
Rated Current	4A	3A	2.5A	1.5A	1.4A	1.2A	1A
Lead acid battery/ Model	YS25C-1442500	YS25C-2881200	YS25C-4320800	YS25C-5760500			
Voltage/Cell	14.4V	28.8V	43.2V	57.6V			
Rated Current	2.5A	1.2A	0.8A	0.6A			
Input Voltage	100-240VAC /127-370VDC						
Input Frequency	50/60Hz						
Input current	0.9A/115VAC						
Inrush current	30A/230VAC						
Leakgae Current:	<0.25mA/240VAC						
LED indicate	Charging:Red ,Full charged/Idle :Green						
Protection	Short Circuit,Reverse-connection,Overload/Over Temperature protection.						
Operating Temperature	-20~-+50°C						
Storage Temperature	-40~-+85°C						
Storage Humidity	10%-95% RH						
Working Humidity	20%-90% RH non-condensing						
MTBF	200K hrs min. MIL-HDBK-217F(25C)						
Dimension	104x46x34mm						

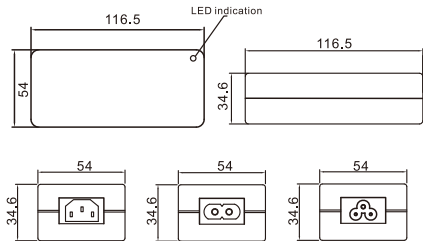
YS50C 60W Series

Desktop Type



Rated Power:60W
Input:100-240VAC 50/60Hz
Standby Power:<0.21W
Output:8.4-57.6V
Protection:Short Circuit,Reverse-connection,Overload/Over Temperature protection.
Charger for li-ion Batteries, Lifepo4 Batteries and Lead acid batteries
2 Color LED indicate charging status

Dimensions:(mm)



Safety Standard:

UL1310, IEC/BS/EN61558-1
IEC/BS/EN60335-2-29
IEC/BS/EN60335-1



Electrical Characteristics

Li-ion Battery/ Model	YS50C-0845000	YS50C-1265000	YS50C-1683500	YS50C-2522400	YS50C-2942000	YS50C-4201500	YS50C-5041000
Voltage/Cell	8.4V / 2S	12.6V / 3S	16.8V / 4S	25.2V / 6S	29.4V / 7S	42V / 10S	50.4V / 12S
Rated Current	5A	5A	3.5A	2.4A	2A	1.5A	1A
Lifepo4 Battery/ Model	YS50C-1115000	YS50C-1464000	YS50C-2192500	YS50C-2552300	YS50C-2922000	YS50C-3651500	YS50C-4381300
Voltage/Cell	11.1V / 3S	14.6V / 4S	21.9V / 6S	25.5V / 7S	29.2V / 8S	36.5V / 10S	43.8V / 12S
Rated Current	5A	4A	2.5A	2.3A	2A	1.5A	1.3A
Lead acid battery/ Model	YS50C-1444000	YS50C-2882000	YS50C-4321300	YS50C-5761000			
Voltage/Cell	14.4V	28.8V	43.2V	57.6V			
Rated Current	4A	2A	1.3A	1A			
Input Voltage	100-240VAC /127-370VDC						
Input Frequency	50/60Hz						
Input current	1.5A/115VAC						
Inrush current	50A/230VAC						
Leakgae Current:	<0.25mA/240VAC						
LED indicate	Charging:Red ,Full charged/Idle :Green						
Protection	Short Circuit,Reverse-connection,Overload/Over Temperature protection.						
Operating Temperature	-20~-+50°C						
Storage Temperature	-40~-+85°C						
Storage Humidity	10%-95% RH						
Working Humidity	20%-90% RH non-condensing						
MTBF	200K hrs min. MIL-HDBK-217F(25C)						
Dimension	116x54x34.6mm						

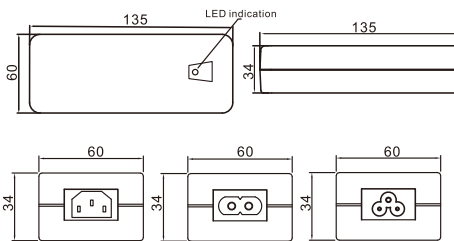
YS90C 90W Series

Desktop Type



Rated Power:90W
Input:100-240VAC 50/60Hz
Standby Power:<0.21W
Output:12.6-72V
Protection:Short Circuit,Reverse-connection,Overload/Over Temperature protection.
Charger for li-ion Batteries, Lifepo4 Batteries and Lead acid batteries
2 Color LED indicate charging status

Dimensions:(mm)



Safety Standard:

UL1310, IEC/BS/EN61558-1
IEC/BS/EN60335-2-29
IEC/BS/EN60335-1



Electrical Characteristics

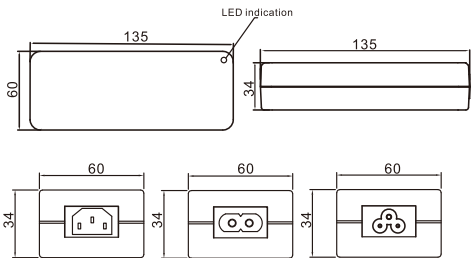
Li-ion Battery/ Model	YS90C-1267000	YS90C-1685000	YS90C-2523500	YS90C-2943000	YS90C-4202000	YS90C-5041700	YS90C-5881500
Voltage/Cell	12.6V / 3S	16.8V / 4S	25.2V / 6S	29.4V / 7S	42V / 10S	50.4V / 12S	58.8V / 14S
Rated Current	7A	5A	3.5A	3A	2A	1.7A	1.5A
Lifepo4 Battery/ Model	YS90C-1466000	YS90C-1825000	YS90C-2553500	YS90C-2923000	YS90C-4382000	YS90C-5101700	YS90C-5841500
Voltage/Cell	14.6V / 4S	18.2V / 5S	25.5V / 7S	29.2V / 8S	43.8V / 12S	51V / 14S	58.4V / 16S
Rated Current	6A	5A	3.5A	3A	2A	1.7A	1.5A
Lead acid battery/ Model	YS90C-1386500	YS90C-1446000	YS90C-2883000	YS90C-4322000	YS90C-5761500	YS90C-7201200	
Voltage/Cell	13.8V	14.4V	28.8V	43.2V	57.6V	72V	
Rated Current	6.5A	6A	3A	2A	1.5A	1.2A	
Input Voltage	100-240VAC /127-370VDC						
Input Frequency	50/60Hz						
Input current	1.3A/115VAC						
Inrush current	60A/230VAC						
Leakgae Current:	<0.75mA/240VAC						
LED indicate	Charging:Red ,Full charged/Idle :Green						
Protection	Short Circuit,Reverse-connection,Overload/Over Temperature protection.						
Operating Temperature	-20~+50°C						
Storage Temperature	-40~+85°C						
Storage Humidity	10%-95% RH						
Working Humidity	20%-90% RH non-condensing						
MTBF	200K hrs min. MIL-HDBK-217F(25C)						
Dimension	137x58x36mm						

YS90C 90W Series



Rated Power:90W
Input:100-240VAC 50/60Hz
Standby Power:<0.21W
Output:12.6-72V
Protection:Short Circuit,Reverse-connection,Overload/Over Temperature protection.
Charger for li-ion Batteries, Lifepo4 Batteries and Lead acid batteries
2 Color LED indicate charging status

Dimensions:(mm)



Safety Standard:

UL1310, IEC/BS/EN61558-1
IEC/BS/EN60335-2-29
IEC/BS/EN60335-1



Electrical Characteristics

Li-ion Battery/ Model	YS90C-1267000	YS90C-1685000	YS90C-2523500	YS90C-2943000	YS90C-4202000	YS90C-5041700	YS90C-5881500
Voltage/Cell	12.6V / 3S	16.8V / 4S	25.2V / 6S	29.4V / 7S	42V / 10S	50.4V / 12S	58.8V / 14S
Rated Current	7A	5A	3.5A	3A	2A	1.7A	1.5A
Lifepo4 Battery/ Model	YS90C-1466000	YS90C-1825000	YS90C-2553500	YS90C-2923000	YS90C-4382000	YS90C-5101700	YS90C-5841500
Voltage/Cell	14.6V / 4S	18.2V / 5S	25.5V / 7S	29.2V / 8S	43.8V / 12S	51V / 14S	58.4V / 16S
Rated Current	6A	5A	3.5A	3A	2A	1.7A	1.5A
Lead acid battery/ Model	YS90C-1386500	YS90C-1446000	YS90C-2883000	YS90C-4322000	YS90C-5761500	YS90C-7201200	
Voltage/Cell	13.8V	14.4V	28.8V	43.2V	57.6V	72V	
Rated Current	6.5A	6A	3A	2A	1.5A	1.2A	
Input Voltage	100-240VAC /127-370VDC						
Input Frequency	50/60Hz						
Input current	1.3A/115VAC						
Inrush current	60A/230VAC						
Leakgae Current:	<0.75mA/240VAC						
LED indicate	Charging:Red ,Full charged/Idle :Green						
Protection	Short Circuit,Reverse-connection,Overload/Over Temperature protection.						
Operating Temperature	-20~+50°C						
Storage Temperature	-40~+85°C						
Storage Humidity	10%-95% RH						
Working Humidity	20%-90% RH non-condensing						
MTBF	200K hrs min. MIL-HDBK-217F(25C)						
Dimension	135x60x34mm						

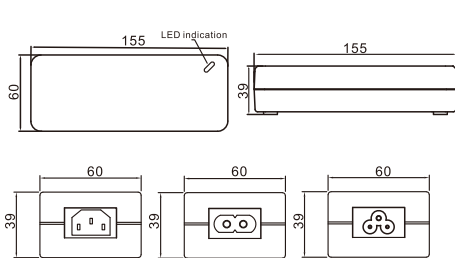
YS100C 90W Series

Desktop Type



Rated Power:90W
Input:100-240VAC 50/60Hz
Standby Power:<0.21W
Output:12.6-72V
Protection:Short Circuit,Reverse-connection,Overload/Over Temperature protection.
Charger for li-ion Batteries, Lifepo4 Batteries and Lead acid batteries
2 Color LED indicate charging status

Dimensions:(mm)



Safety Standard:

UL1310, IEC/BS/EN61558-1
IEC/BS/EN60335-2-29
IEC/BS/EN60335-1



Electrical Characteristics

Li-ion Battery/ Model	YS100C-1267000	YS100C-1685000	YS100C-2523500	YS100C-2943000	YS100C-4202000	YS100C-5041700	YS100C-5881500
Voltage/Cell	12.6V / 3S	16.8V / 4S	25.2V / 6S	29.4V / 7S	42V / 10S	50.4V / 12S	58.8V / 14S
Rated Current	7A	5A	3.5A	3A	2A	1.7A	1.5A
Lifepo4 Battery/ Model	YS100C-1466000	YS100C-1825000	YS100C-2553500	YS100C-2923000	YS100C-4382000	YS100C-5101700	YS100C-5841500
Voltage/Cell	14.6V / 4S	18.2V / 5S	25.5V / 7S	29.2V / 8S	43.8V / 12S	51V / 14S	58.4V / 16S
Rated Current	6A	5A	3.5A	3A	2A	1.7A	1.5A
Lead acid battery/ Model	YS100C-1386500	YS100C-1446000	YS100C-2883000	YS100C-4322000	YS100C-5761500	YS100C-7201200	
Voltage/Cell	13.8V	14.4V	28.8V	43.2V	57.6V	72V	
Rated Current	6.5A	6A	3A	2A	1.5A	1.2A	
Input Voltage	100-240VAC /127-370VDC						
Input Frequency	50/60Hz						
Input current	1.5A/115VAC						
Inrush current	70A/230VAC						
Leakgae Current:	<0.75mA/240VAC						
LED indicate	Charging:Red ,Full charged/Idle :Green						
Protection	Short Circuit,Reverse-connection,Overload/Over Temperature protection.						
Operating Temperature	-20~+50°C						
Storage Temperature	-40~+85°C						
Storage Humidity	10%-95% RH						
Working Humidity	20%-90% RH non-condensing						
MTBF	200K hrs min. MIL-HDBK-217F(25C)						
Dimension	155x60x39mm						

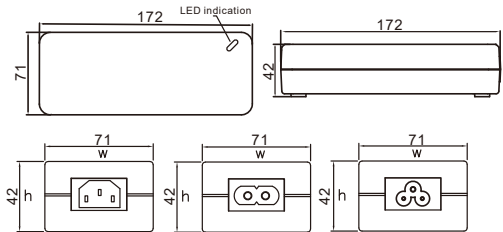
YS125C 150W Series

Desktop Type



Rated Power:150W
Input:100-240VAC 50/60Hz
Standby Power: <0.21W
Output:12.6-72V
Built-in active PFC function
Cooling by free air convection
Protection:Short Circuit,Reverse-connection,Overload/Over Temperature protection.
Charger for li-ion Batteries, Lifepo4 Batteries and Lead acid batteries
2 Color LED indicate charging status

Dimensions:(mm)



Safety Standard:

UL1012, IEC/BS/EN61558-1
IEC/BS/EN60335-2-29
IEC/BS/EN60335-1



Electrical Characteristics

Li-ion Battery/ Model	YS125C-12612000	YS125C-16808500	YS125C-25206000	YS125C-29405000	YS125C-42003500	YS125-50403000	YS125C-54602500	YS125C-58802500
Voltage/Cell	12.6V / 3S	16.8V / 4S	25.2V / 6S	29.4V / 7S	42V / 10S	50.4V / 12S	54.6V/13S	58.8V / 14S
Rated Current	12A	8.5A	6A	5A	3.5A	3A	2.5A	2.5A
Lifepo4 Battery/ Model	YS125C-11012000	YS125C-14610000	YS125C-21906500	YS125C-25606000	YS125C-36504000	YS125C-43803000	YS125C-54802500	YS125C-58402500
Voltage/Cell	11.0V / 3S	14.6V / 4S	21.9V / 6S	25.6V / 7S	36.5V / 10S	43.8V/12S	54.8V/ 15S	58.4V / 16S
Rated Current	12A	10A	6.5A	6A	4A	3A	2.5A	2.5A
Lead acid battery/ Model	YS125C-14410000	YS125C-28805000	YS125C-43203500	YS125C-57602500	YS125C-72002000			
Voltage/Cell	14.4V	28.8V	43.2V	57.6V	72V			
Rated Current	10A	5A	3.5A	2.5A	2A			
Input Voltage	100-240VAC /127-370VDC							
Input Frequency	50/60Hz							
Input current	2A/115VAC							
Inrush current	80A/230VAC							
Leakgae Current:	<0.25mA/240VAC							
LED indicate	Charging:Red ,Full charged/Idle :Green							
Protection	Short Circuit,Reverse-connection,Overload/Over Temperature protection.							
Operating Temperature	-20~+50℃							
Storage Temperature	-40~+85℃							
Storage Humidity	10%-95% RH							
Working Humidity	20%-90% RH non-condensing							
MTBF	200K hrs min. MIL-HDBK-217F(25C)							
Dimension	172x71x42mm							

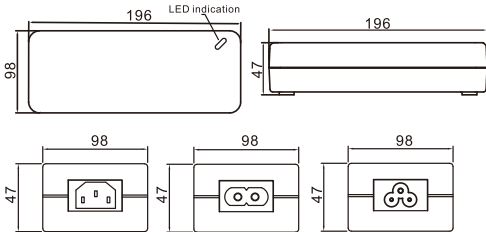
YS200C 250W Series

Desktop Type



Rated Power:250W (220-200VAC)
200W (100-240VAC)
Input:100-240VAC 50/60Hz
Standby Power: <0.21W
Output:12.6-86.4V
Built-in active PFC function
Cooling by free air convection
Protection:Short Circuit,Reverse-connection,Overload/Over Temperature protection.
Charger for li-ion Batteries, Lifepo4 Batteries and Lead acid batteries
2 Color LED indicate charging status

Dimensions:(mm)



Safety Standard:

UL1012, IEC/BS/EN61558-1
IEC/BS/EN60335-2-29
IEC/BS/EN60335-1



Electrical Characteristics

Li-ion Battery/ Model	YS200C-12615000	YS200C-16815000	YS200C-25210000	YS200C-29408500	YS200C-42006000	YS200C-54604500	YS200C-58804000	YS200C-67203500
Voltage/Cell	12.6V / 3S	16.8V / 4S	25.2V / 6S	29.4V / 7S	42V / 10S	54.6V/13S	58.8V/ 14S	67.2V/16S
Rated Current	15A	15A	10A	8.5A	6A	4.5A	4A	3.5A
Lifepo4 Battery/ Model	YS200C-14615000	YS200C-21911000	YS200C-25609500	YS200C-29208500	YS200C-36506500	YS200C-43805500	YS200C-54704500	YS200C-73003000
Voltage/Cell	14.6V / 4S	21.9V / 6S	25.6V / 7S	29.2V/ 8S	36.5V / 10S	43.8V/12S	54.7V/15S	73V/20S
Rated Current	15A	11A	9.5A	8.5A	6.5A	5.5A	4.5A	3A
Lead acid battery/ Model	YS200C-14415000	YS200C-28808500	YS200C-43205500	YS200C-57604000	YS200C-72003500	YS200C-86402500		
Voltage/Cell	14.4V	28.8V	43.2V	57.6V	72V	86.4V		
Rated Current	15A	8.5A	5.5A	4A	3.5A	2.5A		
Input Voltage	100-240VAC /127-370VDC							
Input Frequency	50/60Hz							
Input current	3A/115VAC							
Inrush current	80A/230VAC							
Leakgae Current:	<1.5mA/240VAC							
LED indicate	Charging:Red ,Full charged/Idle :Green							
Protection	Short Circuit,Reverse-connection,Overload/Over Temperature protection.							
Operating Temperature	-20~+50°C							
Storage Temperature	-40~+85°C							
Storage Humidity	10%-95% RH							
Working Humidity	20%-90% RH non-condensing							
MTBF	200K hrs min. MIL-HDBK-217F(25C)							
Dimension	196x98x47mm							

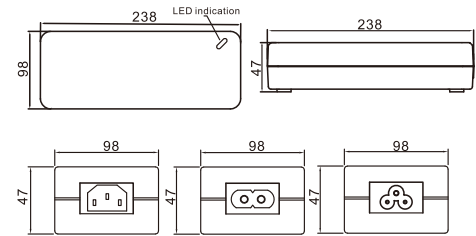
YS300C 300W Series

Desktop Type



Rated Power:300W
Input:100-240VAC 50/60Hz
Standby Power: <0.21W
Output:12.6-86.4V
Built-in active PFC function
Cooling by free air convection
Protection:Short Circuit,Reverse-connection,Overload/Over Temperature protection.
Charger for li-ion Batteries, Lifepo4 Batteries and Lead acid batteries
2 Color LED indicate charging status

Dimensions:(mm)



Safety Standard:

UL1012, IEC/BS/EN61558-1
IEC/BS/EN60335-2-29
IEC/BS/EN60335-1



Electrical Characteristics

Li-ion Battery/ Model	YS300C-12620000	YS300C-16817000	YS300C-25211900	YS300C-29410200	YS300C-42007000	YS300C-54605400	YS300C-58805100	YS300C-67204400
Voltage/Cell	12.6V / 3S	16.8V / 4S	25.2V / 6S	29.4V / 7S	42V / 10S	54.6V/13S	58.8V/ 14S	67.2V/16S
Rated Current	20A	17A	11.9A	10.2A	7A	5.4A	5.1A	4.4A
Lifepo4 Battery/ Model	YS300C-14620000	YS300C-21913600	YS300C-25611700	YS300C-29210200	YS300C-36508200	YS300C-43806800	YS300C-54705400	YS300C-73004100
Voltage/Cell	14.6V / 4S	21.9V / 6S	25.6V / 7S	29.2V/ 8S	36.5V / 10S	43.8V/12S	54.7V/15S	73V/20S
Rated Current	20A	13.6A	11.7A	10.2A	8.2A	6.8A	5.4A	4.1A
Lead acid battery/ Model	YS300C-14420000	YS300C-28810400	YS300C-43206900	YS300C-57605200	YS300C-72004100	YS300C-86403400		
Voltage/Cell	14.4V	28.8V	43.2V	57.6V	72V	86.4V		
Rated Current	20A	10.4A	6.9A	5.2A	4.1A	3.4A		
Input Voltage	100-240VAC /127-370VDC							
Input Frequency	50/60Hz							
Input current	4A/115VAC							
Inrush current	120A/230VAC							
Leakgae Current:	<1.5mA/240VAC							
LED indicate	Charging:Red ,Full charged/Idle :Green							
Protection	Short Circuit,Reverse-connection,Overload/Over Temperature protection.							
Operating Temperature	-20~+50℃							
Storage Temperature	-40~+85℃							
Storage Humidity	10%-95% RH							
Working Humidity	20%-90% RH non-condensing							
MTBF	200K hrs min. MIL-HDBK-217F(25C)							
Dimension	238x98x47mm							

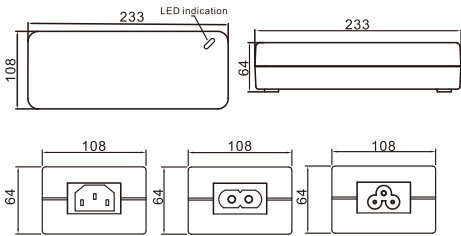
YS400C 400W Series

Desktop Type



Rated Power:400W
Input:100-240VAC 50/60Hz
Standby Power: <0.21W
Output:12.6-86.4V
Built-in active PFC function
Cooling by free air convection
Protection:Short Circuit,Reverse-connection,Overload/Over Temperature protection.
Charger for li-ion Batteries, Lifepo4 Batteries and Lead acid batteries
2 Color LED indicate charging status

Dimensions:(mm)



Safety Standard:

UL1012, IEC/BS/EN61558-1
IEC/BS/EN60335-2-29
IEC/BS/EN60335-1



Electrical Characteristics

Li-ion Battery/ Model	YS400C-16823000	YS400C-25215800	YS400C-29413600	YS400C-42009500	YS400C-54607300	YS400C-58806800	YS400-67205900	YS400C-84004800
Voltage/Cell	16.8V / 4S	25.2V / 6S	29.4V / 7S	42V / 10S	54.6V/13S	58.8V/ 14S	67.2V/16S	84V/20S
Rated Current	23A	15.8A	13.6A	9.5A	7.3A	6.8A	5.9A	4.8A
Lifepo4 Battery/ Model	YS400C-14625000	YS400C-21918200	YS400C-25615600	YS400C-29213600	YS400C-36510900	YS400C-43809100	YS400-54707300	YS400C-73005400
Voltage/Cell	14.6V / 4S	21.9V / 6S	25.6V / 7S	29.2V/ 8S	36.5V / 10S	43.8V/12S	54.7V/15S	73V/20S
Rated Current	25A	18.2A	15.6A	13.6A	10.9A	9.1A	7.3A	5.4A
Lead acid battery/ Model	YS400C-14425000	YS400C-28813800	YS400C-43209200	YS400C-57606900	YS400C-72005500	YS400C-86404600		
Voltage/Cell	14.4V	28.8V	43.2V	57.6V	72V	86.4V		
Rated Current	25A	13.8A	9.2A	6.9A	5.5A	4.6A		
Input Voltage	100-240VAC /127-370VDC							
Input Frequency	50/60Hz							
Input current	5A/115VAC							
Inrush current	120A/230VAC							
Leakgae Current:	<1.5mA/240VAC							
LED indicate	Charging:Red ,Full charged/Idle :Green							
Protection	Short Circuit,Reverse-connection,Overload/Over Temperature protection.							
Operating Temperature	-20~+50℃							
Storage Temperature	-40~+85℃							
Storage Humidity	10%-95% RH							
Working Humidity	20%-90% RH non-condensing							
MTBF	200K hrs min. MIL-HDBK-217F(25C)							
Dimension	233x108x64mm							

Desktop
Shape



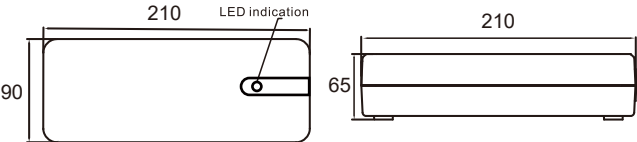
YS300C 300W Series

Desktop Type



Rated Power:300W
Input:100-240VAC 50/60Hz
Standby Power: <0.21W
Output:12.6-86.4V
Built-in active PFC function
Cooling by free air convection
Protection:Short Circuit,Reverse-connection,Overload/Over Temperature protection.
Charger for li-ion Batteries, Lifepo4 Batteries and Lead acid batteries
2 Color LED indicate charging status

Dimensions:(mm)



Safety Standard:

UL1310, IEC/BS/EN61558-1
IEC/BS/EN60335-2-29
IEC/BS/EN60335-1



Electrical Characteristics

Li-ion Battery/ Model	YS300C-14620000	YS300C-16817000	YS300C-25212000	YS300C-2941000	YS300C-42007000	YS300C-54605500	YS300C-58805000	YS300C-67204500
Voltage/Cell	12.6V	16.8V	25.2V	29.4V	42V	54.6V	58.8V	67.2V
Rated Current	20A	17A	12A	10A	7A	5.5A	5A	4.5A
Lifepo4 Battery/ Model	YS300C-1462000	YS300C-21914000	YS300C-25612000	YS300C-29210000	YS300C-36508000	YS300C-43807000	YS300C-54705500	YS300C-73004000
Voltage/Cell	14.6V	21.9V	25.6V	29.2V	36.5V	43.8V	54.7V	73V
Rated Current	20A	14A	12A	10A	8A	7A	5.5A	4A
Lead acid battery/ Model	YS300C-14420000	YS300C-28810000	YS300C-43207000	YS300C-57605000	YS300C-72004000	YS300C-86403500		
Voltage/Cell	14.4V	28.8V	43.2V	57.6V	72V	86.4V		
Rated Current	20A	10A	7A	5A	4A	3.5A		
Input Voltage	100-240VAC /127-370VDC							
Input Frequency	50/60Hz							
Input current	5A/115VAC							
Inrush current	120A/230VAC							
Leakgae Current:	<1.5mA/240VAC							
LED indicate	Charging:Red ,Full charged/Idle :Green							
Protection	Short Circuit,Reverse-connection,Overload/Over Temperature protection.							
Operating Temperature	-20~+50℃							
Storage Temperature	-40~+85℃							
Storage Humidity	10%-95% RH							
Working Humidity	20%-90% RH non-condensing							
MTBF	200K hrs min. MIL-HDBK-217F(25C)							
Dimension	233x108x64mm							

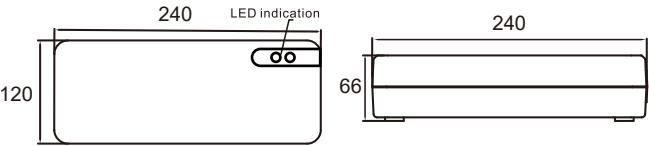
YS600C 600W Series

Desktop Type



Rated Power:600W
Input:100-240VAC 50/60Hz
Standby Power: <0.21W
Output:12.6-86.4V
Built-in active PFC function
Cooling by free air convection
Protection:Short Circuit,Reverse-connection,Overload/Over Temperature protection.
Charger for li-ion Batteries, Lifepo4 Batteries and Lead acid batteries
2 Color LED indicate charging status

Dimensions:(mm)



Safety Standard:

UL1012, IEC/BS/EN61558-1
IEC/BS/EN60335-2-29
IEC/BS/EN60335-1



Electrical Characteristics

Li-ion Battery/ Model	YS600C-12645000	YS600C-16835000	YS600C-25223000	YS600C-29420000	YS600C-42014000	YS600C-54611000	YS600C-58810000	YS600C-67209000
Voltage/Cell	12.6V	16.8V	25.2V	29.4V	42V	54.6V	58.8V	67.2V
Rated Current	45A	35A	23A	20A	14A	11A	10A	9A
Lifepo4 Battery/ Model	YS600C-14641000	YS600C-21927000	YS600C-25623000	YS600C-29220000	YS600C-36516000	YS600C-43813000	YS600C-54711000	YS600C-73008000
Voltage/Cell	14.6V	21.9V	25.6V	29.2V	36.5V	43.8V	54.7V	73V
Rated Current	41A	27A	23A	20A	16A	13A	11A	8A
Lead acid battery/ Model	YS600C-14441000	YS600C-28820000	YS600C-43214000	YS600C-57610000	YS600C-72008000	YS600C-86407000		
Voltage/Cell	14.4V	28.8V	43.2V	57.6V	72V	86.4V		
Rated Current	41A	20A	14A	10A	8A	7A		
Input Voltage	100-240VAC /127-370VDC							
Input Frequency	50/60Hz							
Input current	5A/115VAC							
Inrush current	120A/230VAC							
Leakgae Current:	<1.5mA/240VAC							
LED indicate	Charging:Red ,Full charged/Idle :Green							
Protection	Short Circuit,Reverse-connection,Overload/Over Temperature protection.							
Operating Temperature	-20--+50℃							
Storage Temperature	-40--+85℃							
Storage Humidity	10%-95% RH							
Working Humidity	20%-90% RH non-condensing							
MTBF	200K hrs min. MIL-HDBK-217F(25C)							
Dimension	233x108x64mm							

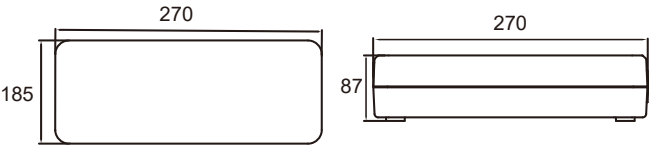
YS1000C 1000W Series

Desktop Type



Rated Power:1000W
Input:100-240VAC 50/60Hz
Standby Power: <0.21W
Output:12.6-86.4V
Built-in active PFC function
Cooling by free air convection
Protection:Short Circuit,Reverse-connection,Overload/Over Temperature protection.
Charger for li-ion Batteries, Lifepo4 Batteries and Lead acid batteries
2 Color LED indicate charging status

Dimensions:(mm)



Safety Standard:

UL1012, IEC/BS/EN61558-1
IEC/BS/EN60335-2-29
IEC/BS/EN60335-1



Electrical Characteristics

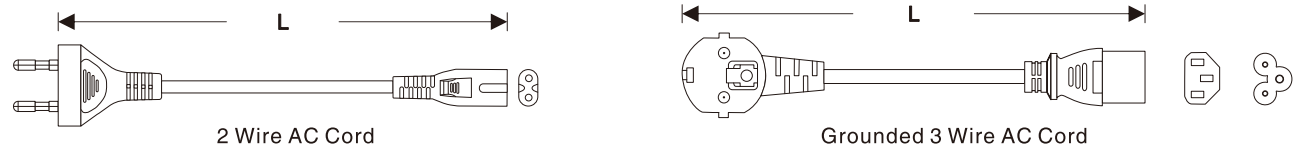
Li-ion Battery/ Model	YS1000C-12680000	YS1000C-16860000	YS1000C-25240000	YS1000C-29430000	YS1000C-42025000	YS1000C-54620000	YS1000C-58818000	YS1000C-67215000
Voltage/Cell	12.6V	16.8V	25.2V	29.4V	42V	54.6V	58.8V	67.2V
Rated Current	80A	60A	40A	30A	25A	20A	18A	15A
Lifepo4 Battery/ Model	YS1000C-14670000	YS1000C-21945000	YS1000C-25640000	YS1000C-29235000	YS1000C-36530000	YS1000C-43825000	YS1000C-54720000	YS1000C-73015000
Voltage/Cell	14.6V	21.9V	25.6V	29.2V	36.5V	43.8V	54.7V	73V
Rated Current	70A	45A	40A	35A	30A	25A	20A	15A
Lead acid battery/ Model	YS1000C-14470000	YS1000C-28835000	YS1000C-43225000	YS1000C-57620000	YS1000C-72015000	YS1000C-86412000		
Voltage/Cell	14.4V	28.8V	43.2V	57.6V	72V	86.4V		
Rated Current	70A	35A	25A	20A	15A	12A		
Input Voltage	100-240VAC /127-370VDC							
Input Frequency	50/60Hz							
Input current	5A/115VAC							
Inrush current	120A/230VAC							
Leakgae Current:	<1.5mA/240VAC							
LED indicate	Charging:Red ,Full charged/Idle :Green							
Protection	Short Circuit,Reverse-connection,Overload/Over Temperature protection.							
Operating Temperature	-20~+50℃							
Storage Temperature	-40~+85℃							
Storage Humidity	10%-95% RH							
Working Humidity	20%-90% RH non-condensing							
MTBF	200K hrs min. MIL-HDBK-217F(25C)							
Dimension	233x108x64mm							

AC
Power Cords

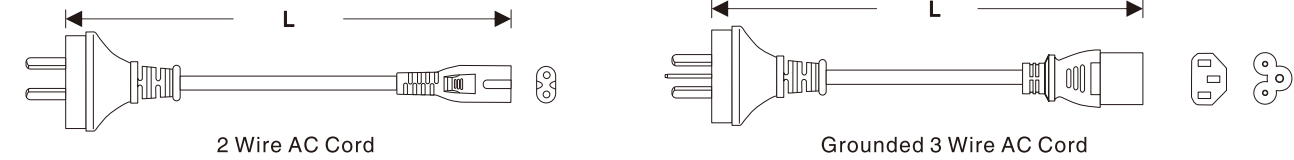
USA/Japan/China



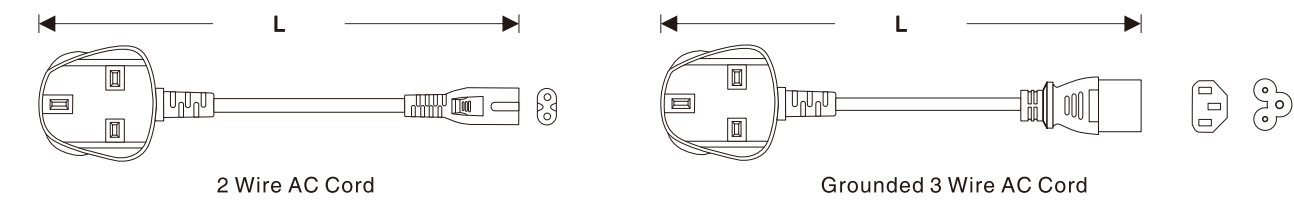
Europe



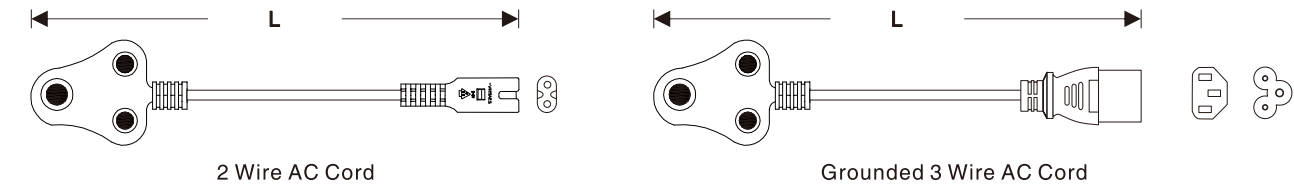
Australia/New Zealand



UK/Hongkong



South Africa



NOTE: "L" Length based on customer requirements
All cords are certified to their safety approval repectively

DC Connectors
/ Plugs

Strip & Tined

Specification: NC



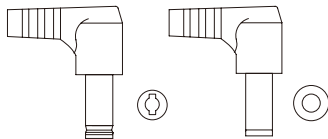
Barrel Type (male/female)

Specification: 5.5×2.1 5.5×2.5



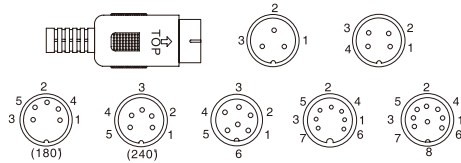
Barrel Type Right Angle

Specification: 5.5×2.1 5.5×2.5

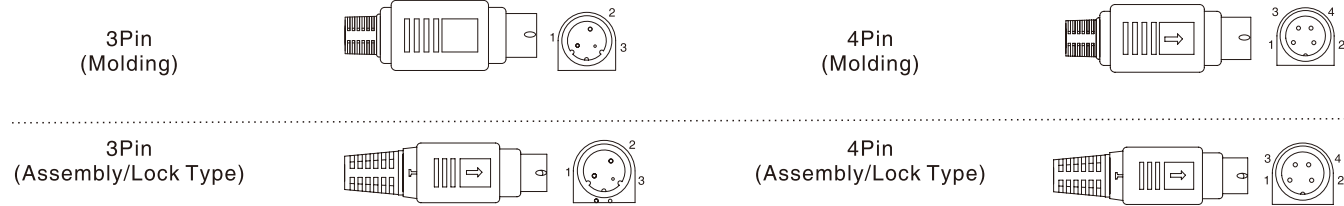


Din (male)

Specification: 3Pin 4Pin 5Pin(180) 5Pin(240)
6Pin 7Pin 8Pin

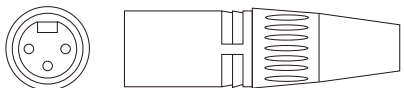


Mini Din (male)



XLR Connector

Specification: 9.2×67.7



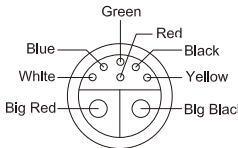
Crocodile Clip

Specification: 14×58



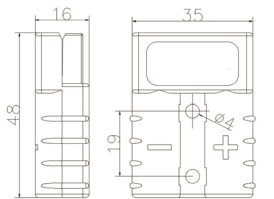
Higo Connector (male/female)

Specification: 25×53.7 28.5×23



Anderson Connectors

Specification: 35×48



Workshops
& Equipments



Transformer Automatic
Assembling



SMT



Automatic Aging Test

Automatic Injection Molding



Automatic Encapsulating



DIP Workshop



Transformer

Testing & Verification Center