



## Feature:

- \*Used for 1-50series Ni-MH/Cd battery pack.
- \*Designed in USA, Made in China
- \*Global Certificates.
- \*Case Material: PC, GE brand
- \* Fanless Design.
- \* Fully sealed by ultrasonic welding.
- \*Capacitor imported from Taiwan.
- \*Desktop type and Wall plug type(support Interchangeable plug, EU, UK, US, AU, KR, JP, and CN Optional).
- \*Protection: Over Load/Over Voltage/Over Current/Over Temp/Short-Circuit/Reverse Polarity/Anti-flow
- \*LED indicator show work status, Red for Charging, Green for Charged full.
- \*Comply With The Newest Safety Standard: IEC62368, IEC60950, IEC61558, IEC60335.
- \*Brand Power Cord and DC Wire matched our products.
- \*Customized Label and DC connector.

## Electric Parameter:

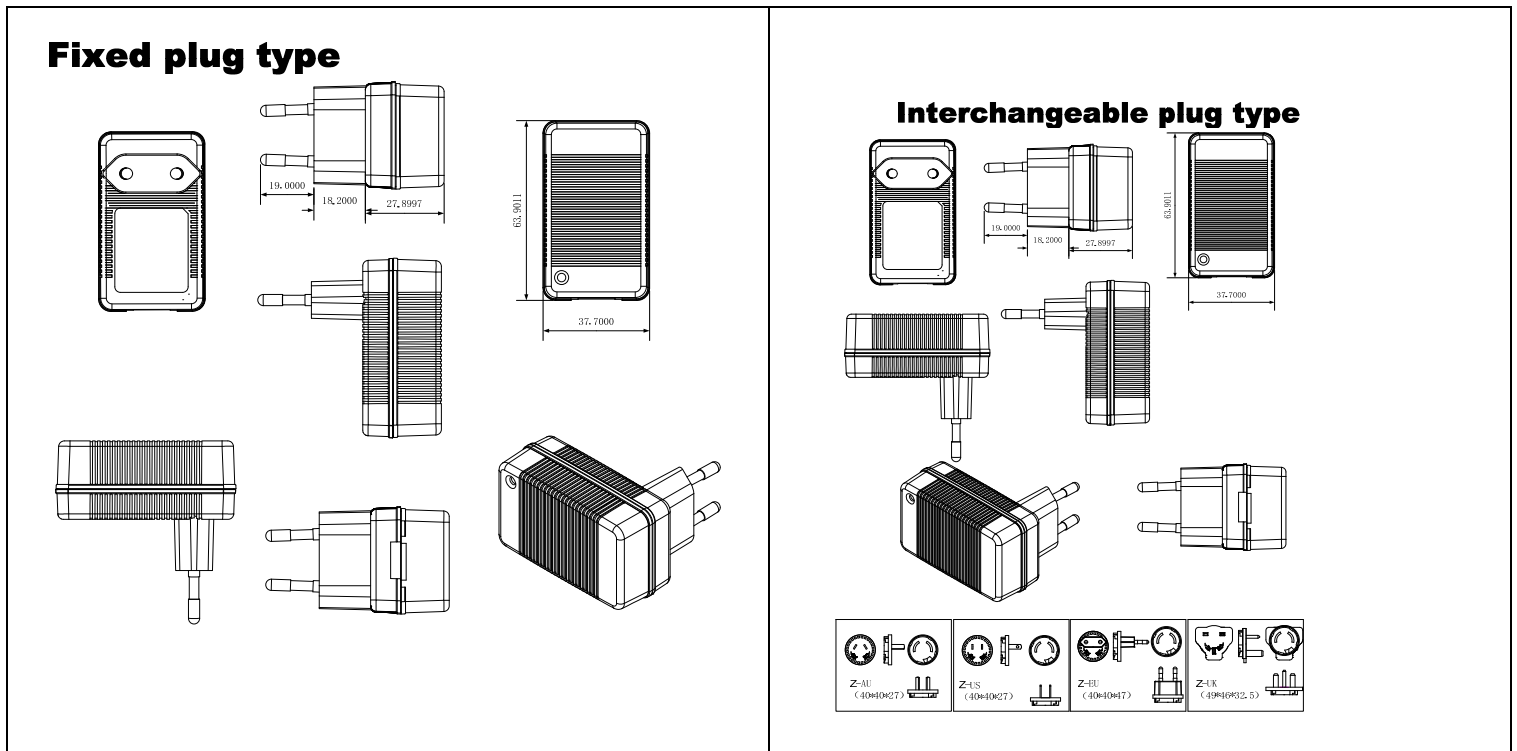
DC output	Battery Pack(series)	5	10	15	20	25	30	35	40	45	50	
	Max Charging Voltage(V)	7.1-7.15	14.2-15	21.3-21.45	28.4-28.6	35.5-35.75	42.6-42.9	49.7-50	56.8-57.2	63.9-64.35	71-71.5	
	Voltage Tolerance	±5%	±5%	±5%	±5%	±4%	±4%	±4%	±3%	±2%	±2%	
	Max Charging Current(A)	10	10	9	7	6	5	4.5	3.5	3	3	
	Charging Mode	Smart Three Stage Charging Mode										
	LED Indicator	Red for Charging, Green for Charged full										
AC Input	Input Voltage Range	90~264Vac										
	Rated Input Voltage:	100-240Vac										
	Frequency Range:	47~62hz										
	Input Current Max:	0.6-3A										
	Inrush Current:	35A Max/240V										
	Leakage Current:	<0.25mA/240V										
Protection	Over Load	When output power between 110%-135% of rated output power, turns to Hiccup mode.										
	Over Voltage	When output voltage between 110%-135% of rated output voltage, turns to Hiccup mode.										
	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed										
	Reverse Polarity	Stop working until fault condition is removed										
	Anti-Flow	Prevent battery power flowing backward to charger.										
Environment	Operating Temp:	0°C ~ +45°C										
	Storage Temp:	-30°C ~ +70°C										

	Relative Humidity:	10%~90%
	Vibration and Shock	Meet MIL-STD-810D
Safety	Safety Standard	IEC62368,IEC60065,IEC60950,IEC61558,IEC60335
	EMC/EMI	Meet FCC CLASS B,EN55022 CLASS B.
	EMS	EN61000—4—2/3/4/5
	Drop Testing	3 drops from 1 m height on a hard wooden surface
	A Harmonic source	Pass
Life Time	MTBF	50000 Hours
	Warranty	3 years

If the Power Rate of battery charger drop into below range, please refer to related solution.

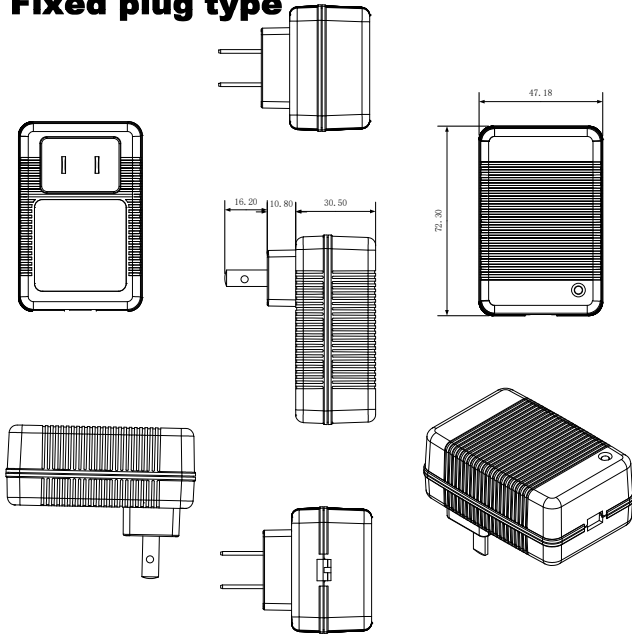
POWER RATE	5-15W	16-24W	25-36W	37-65W	66-100W	101-135W	136-220W
Recommend Solution	See drawing at page 3	See drawing at page 4	See drawing at page 5	See drawing at page 6	See drawing at page 6	See drawing at page 7	See drawing at page 7

## Drawing(mm): 5-15W

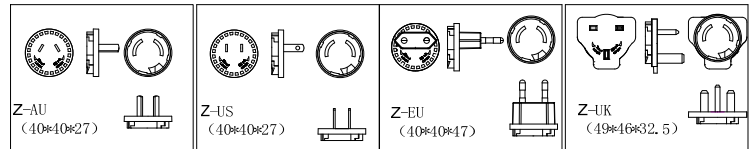
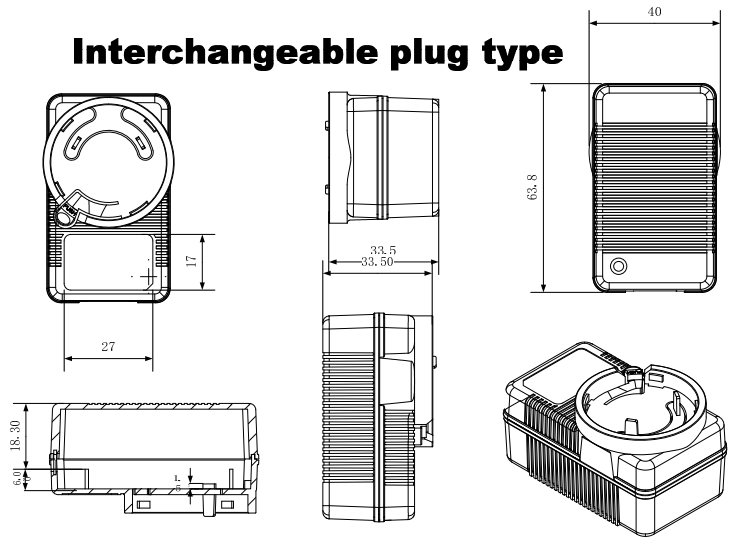


**Drawing(mm): 16-24W**

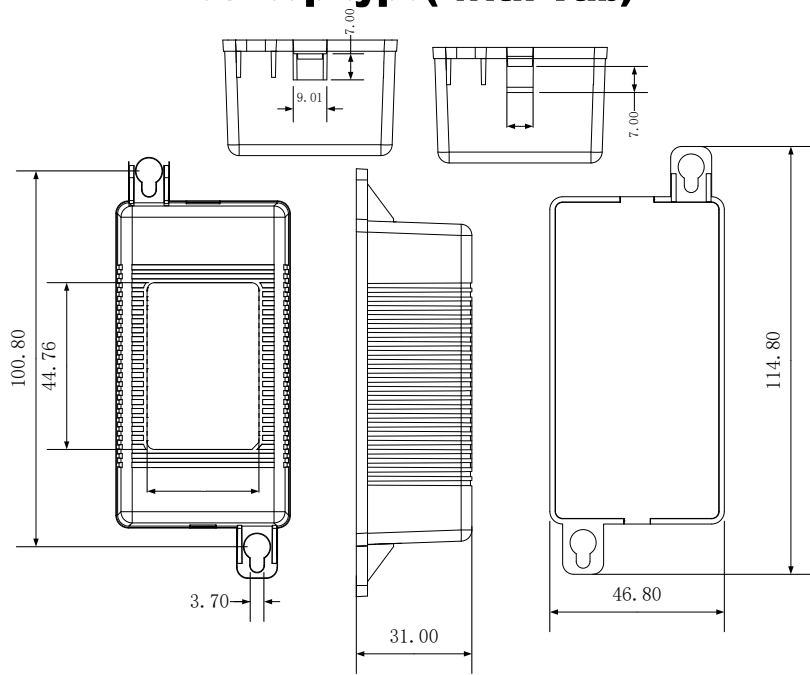
**Fixed plug type**



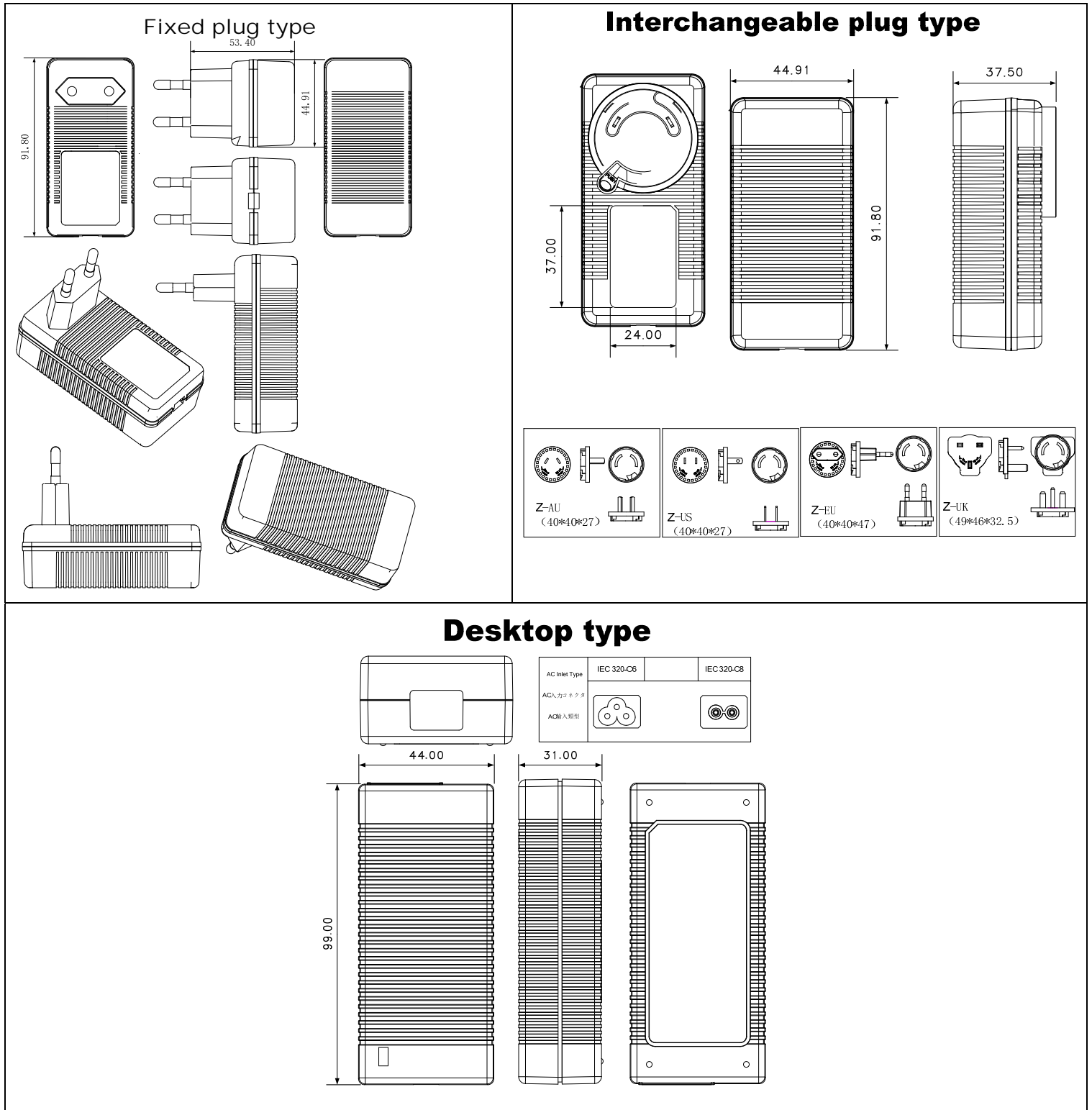
**Interchangeable plug type**



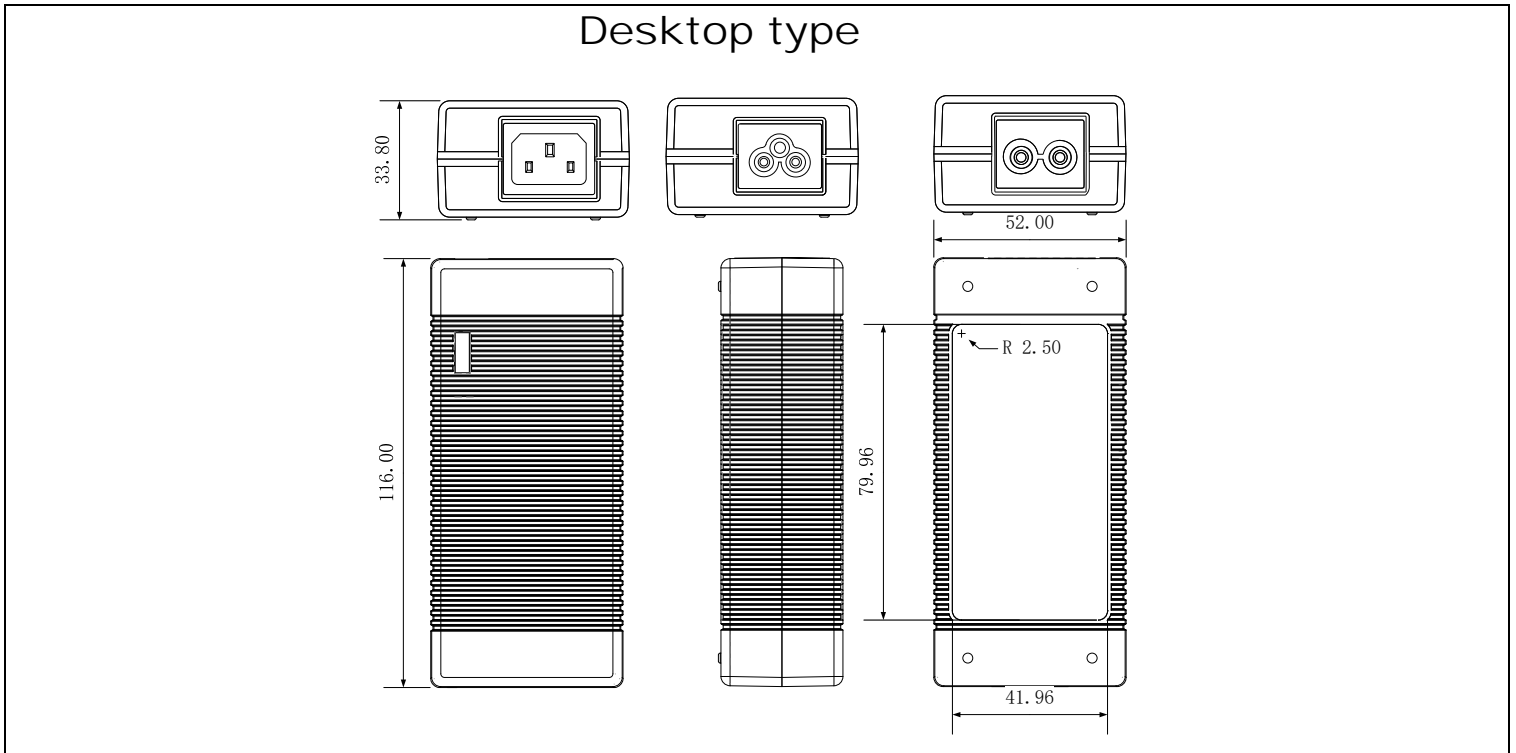
**Desktop type( with Tab)**



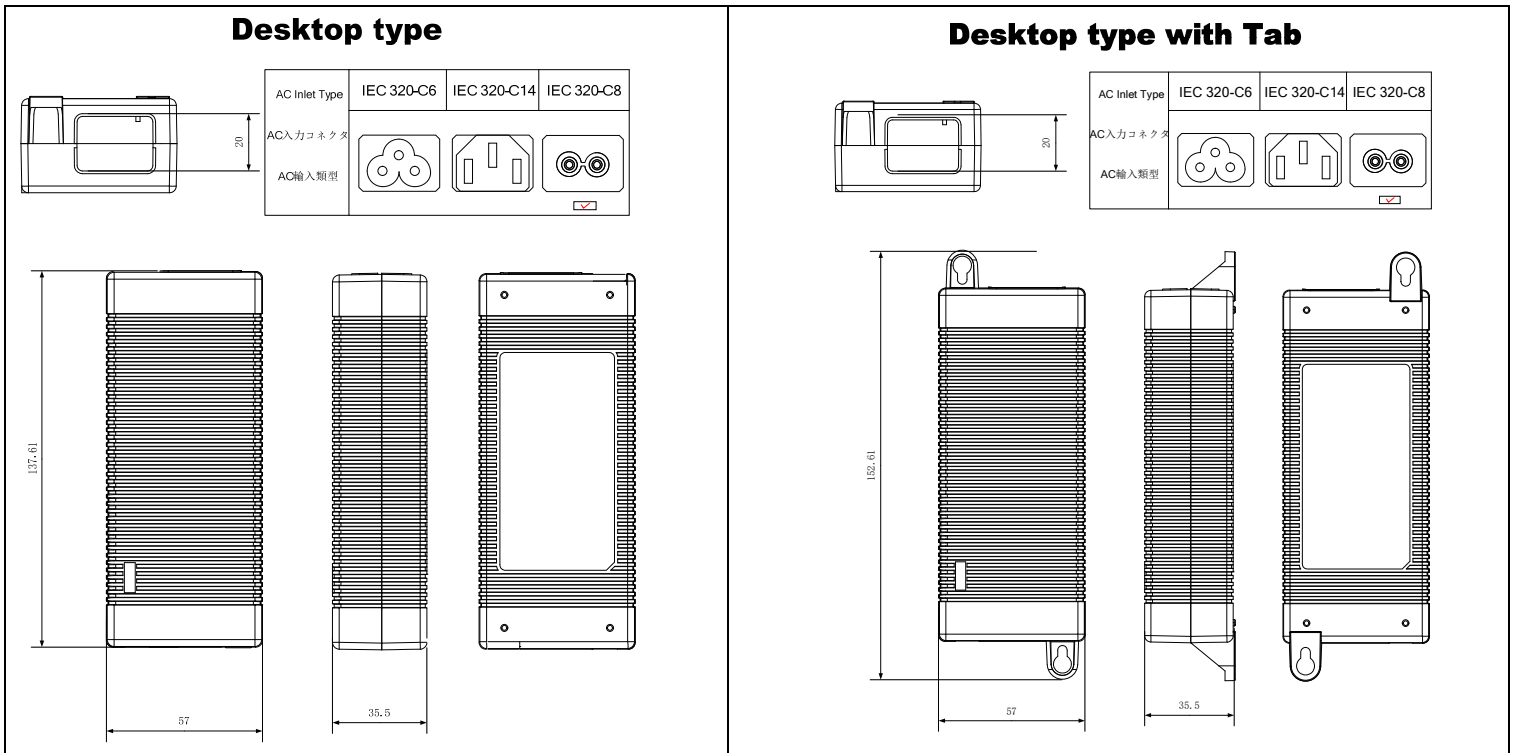
**Drawing(mm): 25-36W**



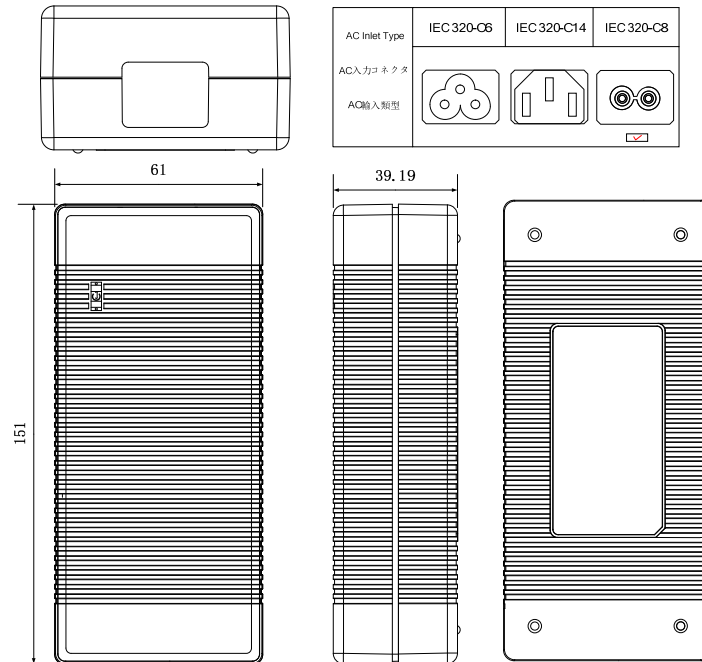
## Drawing(mm): 37-65W



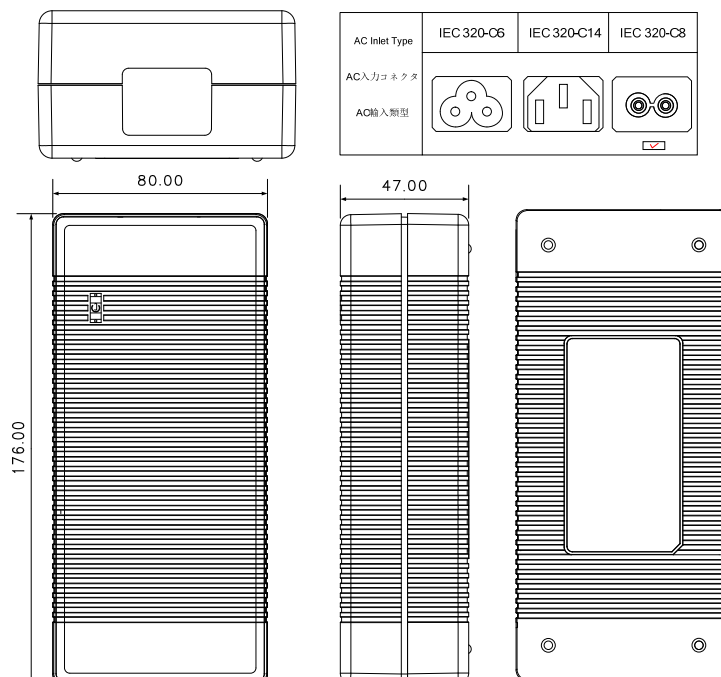
## Drawing(mm): 66-100W



## Drawing(mm): 101-135W



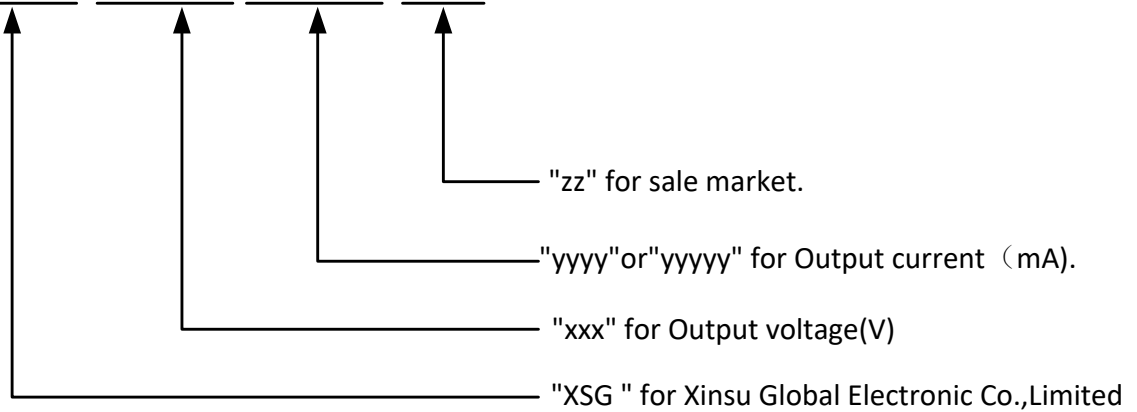
## Drawing(mm): 136-220W



## Model List:

Model Name instruction:

E.G.: XSG xxx yyyy zz



Model No	AC Input	Power Rate	Output Voltage(V)	Output Current(mA)
XSG0720300	100 ~ 240	2.2	7.2	300
XSG0720400	100 ~ 240	2.9	7.2	400
XSG0720500	100 ~ 240	3.6	7.2	500
XSG0720600	100 ~ 240	4.3	7.2	600
XSG0720700	100 ~ 240	5.0	7.2	700
XSG0720800	100 ~ 240	5.8	7.2	800
XSG0720900	100 ~ 240	6.5	7.2	900
XSG0721000	100 ~ 240	7.2	7.2	1000
XSG0721500	100 ~ 240	10.8	7.2	1500
XSG0722000	100 ~ 240	14.4	7.2	2000
XSG0722500	100 ~ 240	18.0	7.2	2500
XSG0723000	100 ~ 240	21.6	7.2	3000



XSG0723500	100 ~ 240	25.2	7.2	3500
XSG0724000	100 ~ 240	28.8	7.2	4000
XSG0724500	100 ~ 240	32.4	7.2	4500
XSG0725000	100 ~ 240	36.0	7.2	5000
XSG0725500	100 ~ 240	39.6	7.2	5500
XSG0726000	100 ~ 240	43.2	7.2	6000
XSG0726500	100 ~ 240	46.8	7.2	6500
XSG0727000	100 ~ 240	50.4	7.2	7000
XSG0727500	100 ~ 240	54.0	7.2	7500
XSG0728000	100 ~ 240	57.6	7.2	8000
XSG0728500	100 ~ 240	61.2	7.2	8500
XSG0729000	100 ~ 240	64.8	7.2	9000
XSG0729500	100 ~ 240	68.4	7.2	9500
XSG07210000	100 ~ 240	72.0	7.2	10000
XSG1400300	100 ~ 240	4.2	14	300
XSG1400400	100 ~ 240	5.6	14	400
XSG1400500	100 ~ 240	7.0	14	500
XSG1400600	100 ~ 240	8.4	14	600
XSG1400700	100 ~ 240	9.8	14	700
XSG1400800	100 ~ 240	11.2	14	800
XSG1400900	100 ~ 240	12.6	14	900
XSG1401000	100 ~ 240	14.0	14	1000

XSG1401200	100 ~ 240	16.8	14	1200
XSG1401500	100 ~ 240	21.0	14	1500
XSG1402000	100 ~ 240	28.0	14	2000
XSG1402500	100 ~ 240	35.0	14	2500
XSG1403000	100 ~ 240	42.0	14	3000
XSG1403500	100 ~ 240	49.0	14	3500
XSG1404000	100 ~ 240	56.0	14	4000
XSG1404500	100 ~ 240	63.0	14	4500
XSG1405000	100 ~ 240	70.0	14	5000
XSG1405500	100 ~ 240	77.0	14	5500
XSG1406000	100 ~ 240	84.0	14	6000
XSG1406500	100 ~ 240	91.0	14	6500
XSG1407000	100 ~ 240	98.0	14	7000
XSG1407200	100 ~ 240	100.8	14	7200
XSG1407500	100 ~ 240	105.0	14	7500
XSG1408000	100 ~ 240	112.0	14	8000
XSG1408500	100 ~ 240	119.0	14	8500
XSG1409000	100 ~ 240	126.0	14	9000
XSG1409500	100 ~ 240	133.0	14	9500
XSG14010000	100 ~ 240	140.0	14	10000
XSG14011000	100-240	154.0	14	11000
XSG1500300	100 ~ 240	4.5	15	300

XSG1500400	100 ~ 240	6.0	15	400
XSG1500500	100 ~ 240	7.5	15	500
XSG1500600	100 ~ 240	9.0	15	600
XSG1500700	100 ~ 240	10.5	15	700
XSG1500800	100 ~ 240	12.0	15	800
XSG1500900	100 ~ 240	13.5	15	900
XSG1501000	100 ~ 240	15.0	15	1000
XSG1501200	100 ~ 240	18.0	15	1200
XSG1501300	100 ~ 240	19.5	15	1300
XSG1501500	100 ~ 240	22.5	15	1500
XSG1501750	100 ~ 240	26.3	15	1750
XSG1502000	100 ~ 240	30.0	15	2000
XSG1502500	100 ~ 240	37.5	15	2500
XSG1503000	100 ~ 240	45.0	15	3000
XSG1503500	100 ~ 240	52.5	15	3500
XSG1504000	100 ~ 240	60.0	15	4000
XSG1504500	100 ~ 240	67.5	15	4500
XSG1505000	100 ~ 240	75.0	15	5000
XSG1505500	100 ~ 240	82.5	15	5500
XSG1506000	100 ~ 240	90.0	15	6000
XSG1506500	100 ~ 240	97.5	15	6500
XSG1507000	100 ~ 240	105.0	15	7000

XSG1507500	100 ~ 240	112.5	15	7500
XSG1508000	100 ~ 240	120.0	15	8000
XSG1508500	100 ~ 240	127.5	15	8500
XSG1509000	100 ~ 240	135.0	15	9000
XSG1509500	100 ~ 240	142.5	15	9500
XSG15010000	100 ~ 240	150.0	15	10000
XSG2100300	100 ~ 240	6.3	21	300
XSG2100400	100 ~ 240	8.4	21	400
XSG2100500	100 ~ 240	10.5	21	500
XSG2100600	100 ~ 240	12.6	21	600
XSG2100700	100 ~ 240	14.7	21	700
XSG2100800	100 ~ 240	16.8	21	800
XSG2100900	100 ~ 240	18.9	21	900
XSG2101000	100 ~ 240	21.0	21	1000
XSG2101200	100 ~ 240	25.2	21	1200
XSG2101500	100 ~ 240	31.5	21	1500
XSG2101700	100 ~ 240	35.7	21	1700
XSG2102000	100 ~ 240	42.0	21	2000
XSG2102200	100 ~ 240	46.2	21	2200
XSG2102500	100 ~ 240	52.5	21	2500
XSG2103000	100 ~ 240	63.0	21	3000
XSG2103500	100 ~ 240	73.5	21	3500

XSG2104000	100 ~ 240	84.0	21	4000
XSG2104500	100 ~ 240	94.5	21	4500
XSG2105000	100 ~ 240	105.0	21	5000
XSG2105500	100-240	115.5	21	5500
XSG2106000	100 ~ 240	126.0	21	6000
XSG2106500	100 ~ 240	136.5	21	6500
XSG2107000	100 ~ 240	147.0	21	7000
XSG2107500	100 ~ 240	157.5	21	7500
XSG2108000	100 ~ 240	168.0	21	8000
XSG2108500	100 ~ 240	178.5	21	8500
XSG2109000	100 ~ 240	189.0	21	9000
XSG2800300	100 ~ 240	8.4	28	300
XSG2800400	100 ~ 240	11.2	28	400
XSG2800500	100 ~ 240	14.0	28	500
XSG2800600	100 ~ 240	16.8	28	600
XSG2800700	100 ~ 240	19.6	28	700
XSG2800800	100 ~ 240	22.4	28	800
XSG2800900	100 ~ 240	25.2	28	900
XSG2801000	100 ~ 240	28.0	28	1000
XSG2801500	100 ~ 240	42.0	28	1500
XSG2802000	100 ~ 240	56.0	28	2000
XSG2802100	100 ~ 240	58.8	28	2100

XSG2802500	100 ~ 240	70.0	28	2500
XSG2803000	100 ~ 240	84.0	28	3000
XSG2803500	100 ~ 240	98.0	28	3500
XSG2804000	100 ~ 240	112.0	28	4000
XSG2804500	100 ~ 240	126.0	28	4500
XSG2805000	100 ~ 240	140.0	28	5000
XSG2805500	100-240	154.0	28	5500
XSG2806000	100 ~ 240	168.0	28	6000
XSG2806500	100 ~ 240	182.0	28	6500
XSG2807000	100 ~ 240	196.0	28	7000
XSG2807500	100 ~ 240	210.0	28	7500
XSG3600300	100 ~ 240	10.8	36	300
XSG3600400	100 ~ 240	14.4	36	400
XSG3600500	100 ~ 240	18.0	36	500
XSG3600600	100 ~ 240	21.6	36	600
XSG3600700	100 ~ 240	25.2	36	700
XSG3600800	100 ~ 240	28.8	36	800
XSG3600900	100 ~ 240	32.4	36	900
XSG3601000	100 ~ 240	36.0	36	1000
XSG3601250	100 ~ 240	45.0	36	1250
XSG3601500	100 ~ 240	54.0	36	1500
XSG3601750	100 ~ 240	63.0	36	1750

XSG3601800	100 ~ 240	64.8	36	1800
XSG3602000	100 ~ 240	72.0	36	2000
XSG3602500	100 ~ 240	90.0	36	2500
XSG3603000	100 ~ 240	108.0	36	3000
XSG3603500	100 ~ 240	126.0	36	3500
XSG3604000	100 ~ 240	144.0	36	4000
XSG3604500	100 ~ 240	162.0	36	4500
XSG3605000	100 ~ 240	180.0	36	5000
XSG3605500	100 ~ 240	198.0	36	5500
XSG3606000	100 ~ 240	216.0	36	6000
XSG4300300	100 ~ 240	12.9	43	300
XSG4300400	100 ~ 240	17.2	43	400
XSG4300500	100 ~ 240	21.5	43	500
XSG4300600	100 ~ 240	25.8	43	600
XSG4300700	100 ~ 240	30.1	43	700
XSG4300800	100 ~ 240	34.4	43	800
XSG4300900	100 ~ 240	38.7	43	900
XSG4301000	100 ~ 240	43.0	43	1000
XSG4301250	100 ~ 240	53.8	43	1250
XSG4301500	100 ~ 240	64.5	43	1500
XSG4302000	100 ~ 240	86.0	43	2000
XSG4302500	100 ~ 240	107.5	43	2500

XSG4302750	100 ~ 240	118.3	43	2750
XSG4303000	100 ~ 240	129.0	43	3000
XSG4303500	100 ~ 240	150.5	43	3500
XSG4304000	100 ~ 240	172.0	43	4000
XSG4304500	100 ~ 240	193.5	43	4500
XSG4600300	100 ~ 240	13.8	46	300
XSG4600400	100 ~ 240	18.4	46	400
XSG4600500	100 ~ 240	23.0	46	500
XSG4600600	100 ~ 240	27.6	46	600
XSG4600700	100 ~ 240	32.2	46	700
XSG4600800	100 ~ 240	36.8	46	800
XSG4600900	100 ~ 240	41.4	46	900
XSG4601000	100 ~ 240	46.0	46	1000
XSG4601250	100 ~ 240	57.5	46	1250
XSG4601400	100 ~ 240	64.4	46	1400
XSG4601500	100 ~ 240	69.0	46	1500
XSG4602000	100 ~ 240	92.0	46	2000
XSG4602500	100 ~ 240	115.0	46	2500
XSG4602750	100 ~ 240	126.5	46	2750
XSG4603000	100 ~ 240	138.0	46	3000
XSG4603500	100 ~ 240	161.0	46	3500
XSG4604000	100 ~ 240	184.0	46	4000



XSG4604500	100 ~ 240	207.0	46	4500
XSG5600300	100 ~ 240	16.8	56	300
XSG5600400	100 ~ 240	22.4	56	400
XSG5600500	100 ~ 240	28.0	56	500
XSG5600600	100 ~ 240	33.6	56	600
XSG5600700	100 ~ 240	39.2	56	700
XSG5600800	100 ~ 240	44.8	56	800
XSG5600900	100 ~ 240	50.4	56	900
XSG5601000	100 ~ 240	56.0	56	1000
XSG5601500	100 ~ 240	84.0	56	1500
XSG5602000	100 ~ 240	112.0	56	2000
XSG5602500	100 ~ 240	140.0	56	2500
XSG5602750	100 ~ 240	154.0	56	2750
XSG5603000	100 ~ 240	168.0	56	3000
XSG5603250	100 ~ 240	182.0	56	3250
XSG5603500	100 ~ 240	196.0	56	3500
XSG5603750	100 ~ 240	210.0	56	3750
XSG6480300	100 ~ 240	19.4	64.8	300
XSG6480400	100 ~ 240	25.9	64.8	400
XSG6480500	100 ~ 240	32.4	64.8	500
XSG6480600	100 ~ 240	38.9	64.8	600
XSG6480700	100 ~ 240	45.4	64.8	700

XSG6480800	100 ~ 240	51.8	64.8	800
XSG6480900	100 ~ 240	58.3	64.8	900
XSG6481000	100 ~ 240	64.8	64.8	1000
XSG6481250	100 ~ 240	81.0	64.8	1250
XSG6481500	100 ~ 240	97.2	64.8	1500
XSG6481750	100 ~ 240	113.4	64.8	1750
XSG6482000	100 ~ 240	129.6	64.8	2000
XSG6482250	100 ~ 240	145.8	64.8	2250
XSG6482500	100 ~ 240	162.0	64.8	2500
XSG6482750	100 ~ 240	178.2	64.8	2750
XSG6483000	100 ~ 240	194.4	64.8	3000
XSG7140300	100 ~ 240	21.4	71.4	300
XSG7140400	100 ~ 240	28.6	71.4	400
XSG7140500	100 ~ 240	35.7	71.4	500
XSG7140600	100 ~ 240	42.8	71.4	600
XSG7140700	100 ~ 240	50.0	71.4	700
XSG7140800	100 ~ 240	57.1	71.4	800
XSG7140900	100 ~ 240	64.3	71.4	900
XSG7141000	100 ~ 240	71.4	71.4	1000
XSG7141250	100 ~ 240	89.3	71.4	1250
XSG7141500	100 ~ 240	107.1	71.4	1500
XSG7141750	100 ~ 240	125.0	71.4	1750

## Ni-MH/Cd Battery Charger

XSG7142000	100 ~ 240	142.8	71.4	2000
XSG7142250	100 ~ 240	160.7	71.4	2250
XSG7142500	100 ~ 240	178.5	71.4	2500
XSG7142750	100 ~ 240	196.4	71.4	2750