

Certificate No. S50335151 0001 Our Reference 05-CZY-16072518 001 Appendix No. 1

Constructional Data Form (CDF) for Electrical Appliances

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License holder : Wuxi Sans Electronic Co., Ltd.
 Industrial WuYi, DongGang Town, Wuxi, Jiangsu, P.R.China
 Factory : Wuxi Sans Electronic Co., Ltd.
 Industrial WuYi, DongGang Town, Wuxi, Jiangsu, P.R.China
 Type of Appliance : Li-ion Battery Charger
 Type Designation : see Table A
 Rating : see Table A
 Protection Class : Class I
 Supply connection : fixed power cord
 permanent connection
 appliance inlet
 direct plug in
 battery operated

Please tick above box when applicable

Additional information :

Ambient temp 25°C

KB time: N/A

IP20

Rated capacity: N/A

Table A:

Model	Input Voltage (V)	Rated Frequency (Hz)	Input Current (A)	Rated Output Voltage (V)	Rated Output Current (A)	Difference
SSLC084V42J	AC 100-240V	47-63Hz	1.8A	DC 42V	2A	Output circuit
SSLC058V29J	AC 100-240V	47-63Hz	1.4A	DC 29.4V	2A	

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Critical Components

Material: e.g. external enclosure, PCB, closed-end connector, sleeves, cord anchorage etc

Components with winding: e.g. motor, transformer, magnetic coil etc.

Other components: e.g. switch, thermostat, heater, plug, internal wire, capacitor, relay, varistor etc.

Object/part No.	Manufacturer/ trademark	Type/ model	Technical data	Standard	Mark(s) of conformity
Plug	Shangyu Jintao Electron Co., Ltd.	JT003	AC 250V, 16A	VDE 0620-1	VDE 40021286
Alternative	Hong Shan Chuan Industry (Shen Zhen) Co., Ltd.	HSC-402	AC 250V, 16A	VDE 0620-1	VDE 40021749
Power cord	Shangyu Jintao Electron Co., Ltd.	H03VV-F	3G0.75mm ²	EN 50525-2-11	VDE 40013419
Alternative	Shenzhen Baohing Electric Wire & Cable Manufacture Co., Ltd.	H03VV-F	3G0.75mm ²	EN 50525-2-11	VDE 131689
Alternative	Shenzhen Baohing Electric Wire & Cable Manufacture Co., Ltd.	H05VV-F	3G0.75mm ²	EN 50525-2-11	VDE 131689
Connector	Shangyu Jintao Electron Co., Ltd.	JT-ST2B	AC 250V, 2.5A	EN 60320-1	VDE 40027440
Alternative	Guangdong Xiongrun Electrical Co., Ltd.	XR-508	AC 250V, 2.5A	EN 60320-1	VDE 40012075
Appliance inlet	Zhe Jiang Bei Er Jia Electronic Co., Ltd.	ST-A04-001	AC 250V, 2.5A	EN 60320-1	VDE 40016045
Alternative	Rong Feng Industrial Co., Ltd.	RF-180	AC 250V, 2.5A	EN 60320-1	VDE 40030168
Fuse	Shenzhen Lanson	5 N - Series	AC 250V, 3.15A, T	EN 60127-1 EN 60127-2	VDE 40019482

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	Electronics Co. Ltd.				
Alternative	Dongguan Better Electronics Technology Co., Ltd.	523-Serie(s)	AC 250V, 3.15A, F	EN 60127-1 EN 60127-2	VDE 40025669
Varistor	Hongzhi Enterprises Ltd.	HEL-7D471K	AC 2500V, T85	EN 61051	VDE 40008621
Alternative	Shantou High- New Technology Dev. Zone Songtian Enterprise Co., Ltd.	STE-07D471K	AC 2500V, T85	EN 61051	VDE 40023049
Alternative	Nanjing Shagon Electronic Co., Ltd.	MYG07K471	AC 2500V, T85	EN 61051-1	TUV SUD Z1 12 03 79712 001
X-Capacitor (CX1)	Tenta Electric Industrial Co., Ltd.	MEX	AC 275V, 0.47µF, X2, T100	EN 60384-14	VDE 119119
Alternative	Farad Electronics Co. Ltd.	PXK	AC 275V, 0.47µF, X2, T110	EN 60384-14	VDE 40030152
X-Capacitor (CX2)	Tenta Electric Industrial Co., Ltd.	MEX	AC 275V, 0.1µF, X2, T100	EN 60384-14	VDE 119119
Alternative	Farad Electronics Co. Ltd.	PXK	AC 275V, 0.1µF, X2, T110	EN 60384-14	VDE 40030152
Y-Capacitor (CY1, CY2, CY5)	Success Electronics Co., Ltd.	SE	AC 250V, 4700pF, Y1, T125	EN 60384-14	VDE 40020002
Alternative	Kunshan Micro Capacitors Electronic Co.,	E-Series	AC 250V, 4700pF, Y1, T125	EN 60384-14	VDE 40016537

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Other components: e.g. switch, thermostat, heater, plug, internal wire, capacitor, relay, varistor etc.

Object/part No.	Manufacturer/ trademark	Type/ model	Technical data	Standard	Mark(s) of conformity
	Ltd.				
Alternative	Yinan Don's Electronic Component Co., Ltd.	CT81	AC 250V, 4700pF, Y1, T125	EN 60384-14	VDE 135256
Alternative	Hsuan Tai Electronic Co. Ltd.	CY	AC 400V, 4700pF, Y1, T125	EN 60384-14	VDE 40008912
Y-Capacitor (CY3, CY4)	Success Electronics Co., Ltd.	SB	AC 250V, 470pF, Y2, T125	EN 60384-14	VDE 40016621
Alternative	Yinan Don's Electronic Components Co., Ltd.	CT81	AC 250V, 470pF, Y2, T125	EN 60384-14	VDE 135256
Alternative	Ease Electronics Co., Ltd.	SY	AC 250V, 470pF, Y2, T85	EN 60384-14	VDE 40021868
Alternative	Haohua Electronic Co.,	CT7	AC 250V, 470pF, Y2, T125	EN 60384-14	VDE 40013601
Photo coupler	Sharp Corporation Electronic Components and Devices Group	PC817	Int. cr: >7.6mm, Ext. cr: >7.6mm, Dti: >0.4mm, T110	EN 60747-5-2	VDE 40008087
Alternative	Lite-On Technology Corporation	LTV-817	Int. cr: >7mm, Ext. cr: >7mm, Dti: >0.4mm, T110	EN 60747-5-2	VDE 40015248
Alternative	Everlight Electronics Co., Ltd.	EL817 V	Int. cr: >7.6mm, Ext. cr: >7.6mm, Dti: >0.4mm, T110	EN 60747-5-2	VDE 132249
Transformer (for model SSLC058V29J)	BORUN Electronics Factory	SSB058V29- ER35-JYGS	Pri.: N1:Φ0.2*10, 19Ts; N2:Φ0.25*2, 9Ts; N5:Φ0.2*10, 19Ts	EN 60335-1 EN 60335-2-29	Tested with appliance

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Critical Components

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Other components: e.g. switch, thermostat, heater, plug, internal wire, capacitor, relay, varistor etc.

Object/part No.	Manufacturer/ trademark	Type/ model	Technical data	Standard	Mark(s) of conformity
			Sec.: N3:Φ0.20*20, 12Ts; N4:Φ0.25*2, 8Ts 425uH, Class 130		
Transformer (for model SSLC084V42J)	BORUN Electronics Factory	SSB084V42- ER35-JYGS	Pri.: N1:Φ0.2*10, 19Ts; N2:Φ0.25*2, 9Ts; N5:Φ0.2*10, 19Ts Sec.: N3:Φ0.20*20, 16Ts; N4:Φ0.25*2, 8Ts 330uH, Class 130	EN 60335-1 EN 60335-2-29	Tested with appliance
- Bobbin	CHANG CHUN PLASTICS CO LTD	T375HF	PMC, V-0, 150°C	--	UL E59481
- Magnet wire	JIANGYIN DOUBLE FEATHER CABLE CO LTD	2UEW	130°C	--	UL E320132
Alternative	WUXI TAIHU COPPER MATERIAL WORKS	2UEW	155°C	--	UL E231066
- Tube	SHENZHEN WOER HEAT- SHRINKABLE MATERIAL CO LTD	WF	600V, 200°C, VW-1	--	UL E203950
- Insulation Tape	JINGJIANG JINGYANG INSULATING PRODUCT CO LTD	JY-133	130°C	--	UL E309872
Output Cord	Shangyu Jintao Electron Co., Ltd.	H03VV-F	2x0.75mm ²	EN 50525-2-11	VDE 40013419
Alternative	Shangyu Jintao Electron Co., Ltd.	H03VVH2-F	2x0.75mm ²	EN 50525-2-11	VDE 40013419

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Object/part No.	Manufacturer/ trademark	Type/ model	Technical data	Standard	Mark(s) of conformity
Alternative	Shenzhen Bao Hing Electric Wire & Cable Manufacture Co. Ltd.	H03VV-F	2x0.75mm ²	EN 50525-2-11	VDE 131689
PCB	CHANGZHOU SHUANGJIN ELECTRONIC CO LTD	CCEM-1	V-0, 130°C	EN 60335-1 EN 60335-2-29	UL E190089 Tested with appliance
Alternative	CHANGZHOU ZIYIN ELECTRONIC CIRCUIT CO LTD	CY-10	V-0, 130°C	EN 60335-1 EN 60335-2-29	UL E148151 Tested with appliance
Enclosure	SABIC INNOVATIVE PLASTICS B V	945 (GG)	PC, V-0 120°C, Min. 1.5mm thickness	EN 60335-1 EN 60335-2-29	UL E45329 Tested with appliance