

Certificate No. R50461433 0001 **Our Reference** ZC10-WX-60363307 001 **Appendix No.** 1

Constructional Data Form (CDF) for Electrical Appliances

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License holder : Starmatrix Industries
 No.1 Xinwanbao Road, Phoenix Industrial Park, Yanling, Danyang, Zhenjiang
 212300 Jiangsu P.R. China

Factory : Ningbo YUNSUN Electromechanical Co., Ltd.
 Building 3 No.7 Hongshen Road Hongtang Industrial Zone A, Jiangbei District
 315033 Zhejiang P.R. China

Type of Appliance : Swimming Pool Pump

Type Designation : FP100

Rated Voltage : AC 230V

Frequency : 50Hz

Power input : 100W

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 : IPX5

Table A:

Model	Input Voltage(V)	Rated Power Input (W)	Rated Current(A)			
See above	See above	See above	---			

Constructional Data Form (CDF) for Electrical Appliances

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
Power cord	Ningbo Dabu Electric Appliance Co., Ltd.	DB05	AC 250V, 16A, IP44	DIN VDE 0620-2-1	VDE 40031727
	Ningbo Huangtai Industrial Co., Ltd.	HT-4	AC 250V, 16A, IP44	DIN VDE 0620-1 DIN VDE 0620-2-1	TÜV R 50115563
Power cord	Ningbo Dabu Electric Appliance Co.,Ltd.	H05RN-F	3G 0,75mm ²	EN 50525-2-21	VDE 40030691
	Ningbo Huangtai Industrial Co., Ltd.	H05RN-F	3G 0,75mm ²	EN 50525-2-21	VDE 40027911
Internal wire	NINGBO TIAN HONG WIRE & CABLE CO LTD	3321	16-18AWG, 600V, 150°C	EN 60335-1, EN 60335-2-41	UL E348905 and Tested with appliance
Capacitor	Yancheng City Gaoerda Capacitor Co. Ltd.	CBB60	AC 450V,25/70/21, S0,3uF	EN 60252-1	VDE 40018801
	Ningbo Hailida Electrical Equipment Co., Ltd.	CBB60	AC 450V,25/70/21, 40/85/21,S0,3µF	EN 60252-1	TÜV R 50325916
Wire connector	HEAVY POWER CO., LTD.	CE2,CE5	CE2,CE5	EN 60335-1, EN 60335-2-41	UL E113650 and test with appliance
	SHENZHEN HONGYU ELECTRICAL CO LTD	HY-CE2, HY-CE5	HY-CE2, HY-CE5	EN 60335-1, EN 60335-2-41	UL E314734 and test with appliance
Motor	Ningbo YUNSUN Electromechanical Co., Ltd.	FP100	Main winding: 146,7Ω(20,1°C) Auxiliary winding: 153,2Ω(20,1°C), Class 130 Copper winding	EN 60335-1, EN 60335-2-41	Tested with appliance
Thermal motor protector	Changzhou Ainuo Electronics Technical Co., Ltd.	KW-90°C1T03	AC 250V,Tf90	EN 60730-1 EN 60730-2-2	VDE 40030067
Epoxy resin	Jiaxing Libeide New Materials Technology Co.Ltd.	9001(618)	---	EN 60335-1 EN 60335-2-41	Tested with appliance
Plastic enclosure	Ningbo Jiaerhui plastic Co.Ltd.	PP-GF30	PP-GF30	EN 60335-1 EN 60335-2-41	Tested with appliance