

**EXC**  **POWER**  
WENZHOU IGNENG TECHNOLOGY CO.,LTD

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# PRODUCT MANUAL

## APPLIANCE PROTECTOR

Professional Manufacturer  
For voltage Protectors, Multifunctional Sockets, Inverters

## COMPANY INTRODUCTION

Wenzhou Igneng Technology Co., Ltd, is a trading and manufacturing combo since 2006, located in Wenzhou with strong Zhengshang Culture. Our main products are :Inverters, Voltage protectors, Street Lighting Control, Multifunctional sockets such as Timer, Remote and Wifi control sockets.

Since started, We have always been committed to technology leadership and quality first. Besides, we always adhere to efficiency priorities and share results. In the meanwhile, we always adhere to people-oriented, customer-centric.

Adhering to the business philosophy of "integrity, win-win, innovation and high efficiency", we have gradually developed steadily and has become a comprehensive high-tech enterprise integrating R&D, manufacturing, sales and service.

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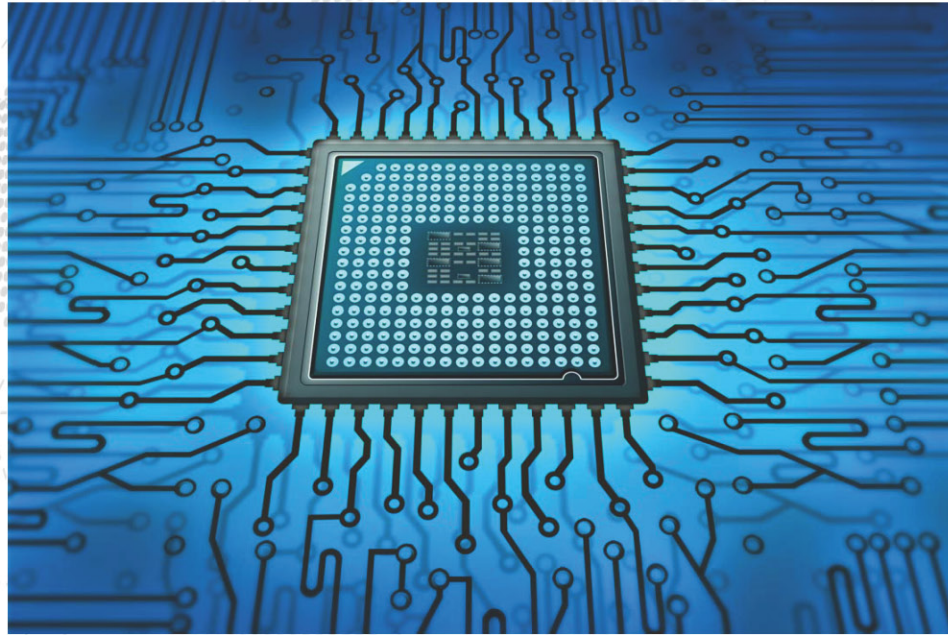
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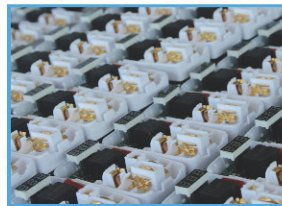
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## HOME APPLIANCES GUARD



### EP-003



### PRODUCTS SPECIFICATION

Operating Voltage	220V AC
Output capacity	13A,2860W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	165V AC
Over voltage cut-off	260V AC
Hysterises for cut-off	3V to 5V
Delay time	5S/3M
Operating Humidity	≤ 90% RH
Material	PC and ABS Shell
Max Ambient	45°C



WATER HEATER



PROJECTOR



SOUND



TV/MIDE



REFRIGERATOR



MOBILE PHONES



AIR CONDITION

### EP-005



### PRODUCTS SPECIFICATION

Operating Voltage	220V AC
Output capacity	13A,2860W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	165V AC
Over voltage cut-off	260V AC
Delay time	5S/3M
Operating Humidity	≤ 90% RH
Material	PC and ABS Shell
Temperature	-5°C~55°C



WATER HEATER



PROJECTOR



SOUND



TV/MIDE



REFRIGERATOR



MOBILE PHONES



AIR CONDITION

**EP-009**

**PRODUCTS SPECIFICATION**



Operating Voltage	110V AC
Output capacity	12A,1440W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	90V AC
Over voltage cut-off	140V AC
Delay time	30S/3M
Operating Humidity	≤ 90% RH
Material	PC and ABS Shell
Temperature	-5°C~55°C



**EP-022**

**PRODUCTS SPECIFICATION**



Operating Voltage	220V AC
Output capacity	13A,2860W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	165-205V AC
Over voltage cut-off	220-250V AC
Delay time	5S~10M
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



**EP-021**

**PRODUCTS SPECIFICATION**



Operating Voltage	220V AC
Output capacity	13A,2860W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	165V AC
Over voltage cut-off	260V AC
Delay time	5S/3M
Operating Humidity	≤ 90% RH
Material	PC and ABS Shell
Temperature	-5°C~55°C



**EP-022-D**

**PRODUCTS SPECIFICATION**



Operating Voltage	220V AC
Output capacity	13A,2860W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	165-205V AC
Over voltage cut-off	220-250V AC
Delay time	5S~10M
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



EP-025-30A



PRODUCTS SPECIFICATION

Operating Voltage	220V AC
Output capacity	30A,6600W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	165V-195V AC
Over voltage cut-off	200V-265V AC
Delay time	15S/3M
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



EP-033



PRODUCTS SPECIFICATION

Operating Voltage	220V AC
Output capacity	30A,6600W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	165V AC
Over voltage cut-off	260V AC
Delay time	3M
Operating Humidity	≤ 90% RH
Material	PC and ABS Shell
Temperature	-5°C~55°C



EP-025-60A



PRODUCTS SPECIFICATION

Operating Voltage	220V AC
Output capacity	60A,1320W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	165V-195V AC
Over voltage cut-off	200V-265V AC
Delay time	15S/3M
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



EP-047



PRODUCTS SPECIFICATION

Operating Voltage	220V AC
Output capacity	15A,3300W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	165V AC
Over voltage cut-off	260V AC
Delay time	3M
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



EP-047-D



PRODUCTS SPECIFICATION

Operating Voltage	220V AC
Output capacity	15A,3300W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	165V AC
Over voltage cut-off	260V AC
Delay time	3M
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



EP-076



PRODUCTS SPECIFICATION

Operating Voltage	220V AC
Output capacity	13A,2860W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	165V AC
Over voltage cut-off	260V AC
Hysterises for cut-off	3V-5V AC
Delay time	5S/3M
Operating Humidity	≤ 90% RH
Material	PC and ABS Shell
Temperature	-5°C~55°C



EP-048



PRODUCTS SPECIFICATION

Operating Voltage	220V AC
Output capacity	13A,3300W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	165V AC
Over voltage cut-off	260V AC
Delay time	3M
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



EP-090



PRODUCTS SPECIFICATION

Operating Voltage	220V AC
Output capacity	10A,2200W
Operating Frequency	40Hz-80Hz
Under voltage cut-off	150V/180V AC
Over voltage cut-off	260V AC
Delay time	5S/3M
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



**EP-090-D**

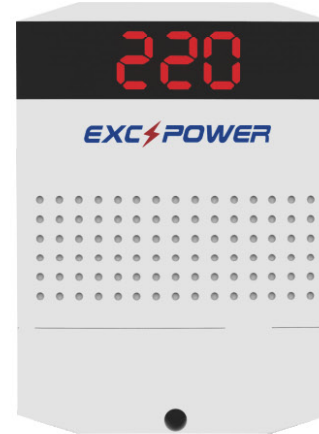


**PRODUCTS SPECIFICATION**

Operating Voltage	220V AC
Output capacity	10A,2200W
Operating Frequency	40Hz-80Hz
Under voltage cut-off	150V/180V AC
Over voltage cut-off	260V AC
Delay time	5S/3M
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



**EP-091-D**

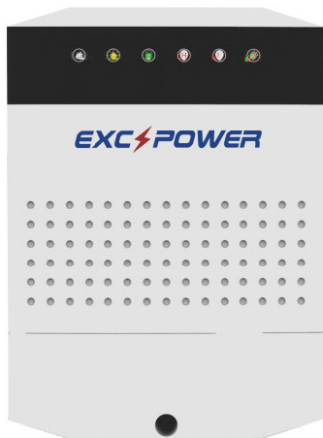


**PRODUCTS SPECIFICATION**

Operating Voltage	220V AC
Output capacity	30A,6600W
Operating Frequency	40Hz-80Hz
Under voltage cut-off	150V~180V AC
Over voltage cut-off	260V AC
Delay time	3M/Customized
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



**EP-091**



**PRODUCTS SPECIFICATION**

Operating Voltage	220V AC
Output capacity	30A,6600W
Operating Frequency	40Hz-80Hz
Under voltage cut-off	150V~180V AC
Over voltage cut-off	260V AC
Delay time	3M/Customized
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



**EP-092**



**PRODUCTS SPECIFICATION**

Operating Voltage	220V AC
Output capacity	10A,2200W
Operating Frequency	40Hz-80Hz
Under voltage cut-off	150V/180V AC
Over voltage cut-off	260V AC
Delay time	5S/3M
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



**EP-092-D**



**PRODUCTS SPECIFICATION**

Operating Voltage	220V AC
Output capacity	10A,2200W
Operating Frequency	40Hz-80Hz
Under voltage cut-off	150V/180V AC
Over voltage cut-off	260V AC
Delay time	5S/3M
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



**EP-095-D**



**PRODUCTS SPECIFICATION**

Operating Voltage	220V AC
Output capacity	10A,2200W
Operating Frequency	40Hz-80Hz
Under voltage cut-off	150V/180V AC
Over voltage cut-off	260V AC
Delay time	5S/3M
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



**EP-095**



**PRODUCTS SPECIFICATION**

Operating Voltage	220V AC
Output capacity	10A,2200W
Operating Frequency	40Hz-80Hz
Under voltage cut-off	150V/180V AC
Over voltage cut-off	260V AC
Delay time	5S/3M
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



**EP-098-D-IL**



**PRODUCTS SPECIFICATION**

Operating Voltage	220V AC
Output capacity	16A,3520W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	150V~210V AC
Over voltage cut-off	230V~280V AC
Delay time	5S~999S
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C





**EP-098-D-G**



**PRODUCTS SPECIFICATION**

Operating Voltage	220V AC
Output capacity	16A,3520W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	150V~210V AC
Over voltage cut-off	230V~280V AC
Delay time	5S~999S
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



**EP-098-D-UK**



**PRODUCTS SPECIFICATION**

Operating Voltage	220V AC
Output capacity	13A,2860W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	150V~210V AC
Over voltage cut-off	230V~280V AC
Delay time	5S~999S
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



**EP-098-D-EU**



**PRODUCTS SPECIFICATION**

Operating Voltage	220V AC
Output capacity	13A,2860W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	150V~210V AC
Over voltage cut-off	230V~280V AC
Delay time	5S~999S
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



**EP-098-D-US-120V**



**PRODUCTS SPECIFICATION**

Operating Voltage	120V AC
Output capacity	15A,1800W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	80V~100V AC
Over voltage cut-off	130V~150V AC
Delay time	5S~999S
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



**EP-098-D-US-220V**



**PRODUCTS SPECIFICATION**

Operating Voltage	220V AC
Output capacity	16A,3520W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	150V~210V AC
Over voltage cut-off	230V~280V AC
Delay time	5S~999S
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



**EP-098-D-F**



**PRODUCTS SPECIFICATION**

Operating Voltage	220V AC
Output capacity	16A,3520W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	150V~210V AC
Over voltage cut-off	230V~280V AC
Delay time	5S~999S
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



**EP-098-D-AR**



**PRODUCTS SPECIFICATION**

Operating Voltage	220V AC
Output capacity	10A,2200W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	150V~210V AC
Over voltage cut-off	230V~280V AC
Delay time	5S~999S
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



**EP-098-D-SA**



**PRODUCTS SPECIFICATION**

Operating Voltage	220V AC
Output capacity	16A,3520W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	150V~210V AC
Over voltage cut-off	230V~280V AC
Delay time	5S~999S
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



EP-102-F



PRODUCTS SPECIFICATION

Operating Voltage	220V AC
Output capacity	13A,2860W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	165V AC
Over voltage cut-off	260V AC
Delay time	20S/3M
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



EP-105-30A



PRODUCTS SPECIFICATION

Operating Voltage	220V AC
Output capacity	30A,6600W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	150~230V AC
Over voltage cut-off	230~300V AC
Delay time	10S~10M
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



EP-102-TV



PRODUCTS SPECIFICATION

Operating Voltage	220V AC
Output capacity	13A,2860W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	165V AC
Over voltage cut-off	260V AC
Delay time	5S/3M
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



EP-106-UK



PRODUCTS SPECIFICATION

Operating Voltage	220V AC
Output capacity	13A,2860W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	150V~230V AC
Over voltage cut-off	230V~300V AC
Delay time	5S~3M
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



EP-106-SA



PRODUCTS SPECIFICATION

Operating Voltage	220V AC
Output capacity	15A,3300W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	150V-230V AC
Over voltage cut-off	230V-300V AC
Delay time	5S~3M
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



EP-177



PRODUCTS SPECIFICATION

Operating Voltage	220V AC
Output capacity	13A,2860W
2USB output	2.1A/5V
Operating Frequency	50Hz-60Hz
Under voltage cut-off	160V AC
Over voltage cut-off	260V AC
Delay time	5S
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



EP-118



PRODUCTS SPECIFICATION

Operating Voltage	220V AC
Output capacity	13A,2860W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	160V AC
Over voltage cut-off	260V AC
Delay time	5S/10S/30S/3M
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



EP-182-120V



PRODUCTS SPECIFICATION

Operating Voltage	120V AC
Output capacity	15A,1800W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	90V AC
Over voltage cut-off	140V AC
Delay time	190S
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



EP-182-220V



PRODUCTS SPECIFICATION

Operating Voltage	220V AC
Output capacity	15A,3300W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	170V AC
Over voltage cut-off	265V AC
Delay time	190S
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



EP-183-D



PRODUCTS SPECIFICATION

Operating Voltage	220V AC
Output capacity	13A,2860W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	170V AC
Over voltage cut-off	250V AC
Delay time	10S
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



EP-183



PRODUCTS SPECIFICATION

Operating Voltage	220V AC
Output capacity	13A,2860W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	150V AC
Over voltage cut-off	260V AC
Delay time	5S
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



EP-184

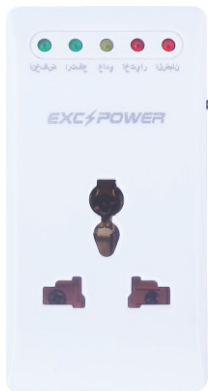


PRODUCTS SPECIFICATION

Operating Voltage	220V AC
Output capacity	13A,2860W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	150V AC
Over voltage cut-off	260V AC
Delay time	5S
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



EP-187



PRODUCTS SPECIFICATION

Operating Voltage	220V AC
Output capacity	13A,2860W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	165V AC
Over voltage cut-off	260V AC
Delay time	5S/3M
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



EP-190



PRODUCTS SPECIFICATION

Operating Voltage	220V AC
Output capacity	10A,2200W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	180V AC
Over voltage cut-off	260V AC
Delay time	5S/3M
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



EP-189



PRODUCTS SPECIFICATION

Operating Voltage	220V AC
Output capacity	13A,2860W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	150V AC
Over voltage cut-off	260V AC
Delay time	10S
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



EP-191



PRODUCTS SPECIFICATION

Operating Voltage	220V AC
Output capacity	10A,2200W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	165V AC
Over voltage cut-off	260V AC
Delay time	180S
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



EP-192



PRODUCTS SPECIFICATION

Operating Voltage	220V AC
Output capacity	5A, 1100W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	NONE
Over voltage cut-off	260V AC
Delay time	30S
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



EP-194



PRODUCTS SPECIFICATION

Operating Voltage	220V AC
Output capacity	15A, 3300W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	160V AC
Over voltage cut-off	260V AC
Delay time	300S
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



EP-193



PRODUCTS SPECIFICATION

Operating Voltage	220V AC
Output capacity	5A, 1100W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	180V AC
Over voltage cut-off	NONE
Delay time	30S
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C



EP-194-D



PRODUCTS SPECIFICATION

Operating Voltage	220V AC
Output capacity	15A, 3300W
Operating Frequency	50Hz-60Hz
Under voltage cut-off	160V AC
Over voltage cut-off	260V AC
Delay time	300S
Material	PC and ABS Shell
Operating Humidity	≤ 90% RH
Temperature	-5°C~55°C

