

1 2 3 4 5 6

材质: 80g铜板纸 印刷: 黑色双面印刷 尺寸: 见图档标注 料号: P41251A  
附: STD-SMJY02&03&05-12-7Z共用

## SPECIFICATION FOR APPROVAL

### Introduction

Please make sure that the model you use is our UPS STD-SMJY□□-12-7Z, Conversion efficiency of this model is more than 85%, with output over-current protection, short circuit protection, Under voltage protection for battery, with constant output voltage and etc.

### Principle

Under AC 100-240V, power for the load and battery are provided by electric supply. Then led light being green. When power failure is provided by the battery voltage to the load, then led light being red, entered the stage of storage battery voltage monitoring at the same time. When detect the battery voltage drops to 10.5 V, the circuit will cut off the load, no longer to load the power supply in order to prevent the battery discharged, thus protecting the lifespan of the battery, the system will automatically reset when mains power returned to normal and ready to be prepared for the next time.

### Technical

Model	STD-SMJY02-12-7Z	STD-SMJY03-12-7Z	STD-SMJY05-12-7Z
Input voltage	100~240VAC,50/60Hz		
Input current	0.8A Max	1A Max	1.8A Max
Output voltage	12.5-13.8VDC		
Output current	2A Max	3A Max	5A Max
No-load loss	0.5 W		
Charging current	0.6A Max		

### Using environment

Operating temp:-20~45°C      Storage temp:-20~85°C  
Operating humidity:20%~90%RH      Storage humidity:10%~95%RH

### Appearance

- Size: L187mm\*W193mm\*H90mm
- Input: Connector
- Output: Connector

### Size Picture

### Connecting Diagram

Fig. STD-SMJY02&03&05-12-7Z

NO.	NAME	SPECIFICATION	NO.	NAME	SPECIFICATION
①③	Input	L&N Input Connector	A B	Output	A:Output(-) B:Output(+)
②	Ground	For safety ⚡	C	Door Lock Control	C+GND=Door Lock Control (ON or OFF)
④⑤	Battery	④(+), ⑤(-)			
D	NO-COM	Open the door D+GND=Electric Control Lock	F	Public GND	Door Control+Building Host /Door Lock+Building Host
E	NC-COM	Close the door E+GND=Electric Bolt Lock	G H	Building Host	G H+Building=Communication

### Attention

- Please make sure that input and output wire are correct connected in order to avoid damaging the device before using.
- After connecting all the electricity equipment ,please make sure that output green LED indicator is on, If not, please check whether the wiring connecting is correct.
- During using, if this model is not available for your equipment required power ,please let us know, we will provide the available model.
- Please choose 12V7Ah battery.

### Product Picture

Fig. STD-SMJY02&03&05-12-7Z

A  
B  
C  
D

A  
B  
C  
D



品名 Item Code	说明书	型号 Item number	STD-SMJY□□-12-7Z	日期 Date	2019.06.10	版本 Edition	01 / 01
尺寸 Size			物料料号	P41251A			
设计 Design	胡焯	审核 Check	刘德山	核准 Approve			

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