

## SPECIFICATION FOR APPROVAL

### Introduction

Please make sure that the model you use is our UPS STD-SMJY□□-12-17Z, 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-SMJY02-12-17Z	STD-SMJY03-12-17Z	STD-SMJY05-12-17Z
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	1.5A Max		

### Using environment

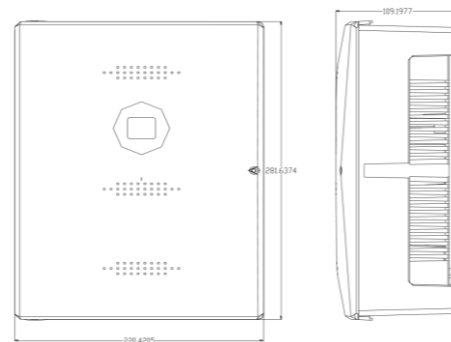
Operating temp:-20~45°C  
Operating humidity:20%~90%RH

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

### Appearance

1. Size: L281mm\*W220mm\*H109mm
2. Input: Connector
3. Output: Connector

### Size Picture



材质: 80g铜板纸 印刷: 黑色双面印刷 尺寸: 见图档标注 料号: P41249  
附: STD-SMJY02&03&05-12-17Z共用

### Connecting Diagram

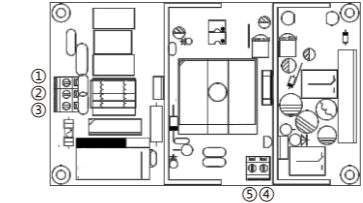


Fig. STD-SMJY02&03&05-12-17Z

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

1. Please make sure that input and output wire are correct connected in order to avoid damaging the device before using.
2. 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.
3. During using, if this model is not available for your equipment required power ,please let us know, we will provide the available model.
4. Please choose 12V17Ah battery.

### Product Picture

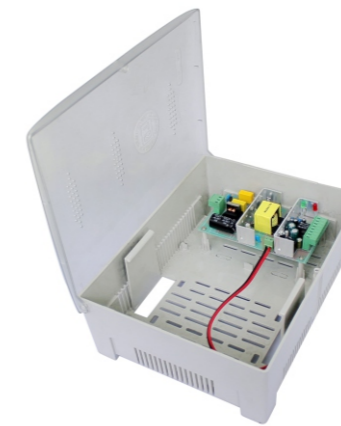


Fig. STD-SMJY02&03&05-12-17Z

小耳朵®

品名 Item Code	说明书	型号 Item number	STD-SMJY□□-12-17Z	日期 Date	2019.06.10	版本 Edition	01 / 01
尺寸 Size			物料料号	P41249A			
设计 Design	胡焯	审核 Check	刘德山		核准 Approve		

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