

# APS系列充电桩专用测试电源

## APS series Special Test Power Supply for Charging Pile

APS系列充电桩专用测试电源是一款专门针对充电桩设计的高可靠、操作简便、输入功率因数高、高性价比的交流电源，采用数字化控制、输出电压稳定，还具有短路、过流、过压、过功率等保护功能。源表一体化设计，本电源表头测量精度高、稳定性好，具有谐波测量功能，特别适用于充电桩的测试。

APS series Special Test Power Supply for Charging Pile is designed for charging pile and featured with high reliability, simple operation, input AC power supply of high power factor and high performance, digital control, stable output voltage, also protection functions including short circuit, over current, over voltage, over power and overheating. Which integrates source and meter in one, the meter is with high accuracy, good stability, and harmonic measurement function. It is especially suitable for charging pile test.

### 充电桩专用电源

Special power supply for charging pile

### 高电源效率

High efficiency of power supply

### 源表一体，可实现谐波分析

Integrate power supply with meter, harmonic analysis is available



### 主要特点 Characteristics

- 低失真、输出电压稳定  
Low distortion and stable output voltage
- 电源效率高 (  $\geq 95\%$  )  
High power efficiency (  $\geq 95\%$  )
- 输出短路、过流、过压、过功率的保护功能  
Protection functions including short circuit, over current, over voltage, over power and over heat
- 源表一体化，可测量电压、电流真有效值、功率、功率因数、谐波  
Integrated with source and meter in one, it can measure Vrms, Arms, power, power factor and harmonics
- RS232/RS485通讯接口  
RS232/RS485 communication port

## 技术参数 Specifications

型号 Model		APS3180	APS3300	APS3450
输出容量		180KVA	300KVA	450KVA
输入				
相位		3φ4W+PE		
电压		Phase voltage: 220V±33V, Line voltage: 380V±57V		
频率		47Hz ~ 63Hz		
输出				
相位		3φ4W		
电压	范围	相电压: 220.0V±20%(额定输入: 220V) 【定制: > 20%】      线电压: 380.0V±20%(额定输入: 380V) 【定制: > 20%】		
频率	范围	同输入频率		
总谐波失真		≤1%(附加谐波失真)		
负载效应		≤2%reading+1V		
源电压效应		≤2%reading+1V		
电源效率		≥95%		
电参数测量		电压、电流、功率、功率因数、电流谐波		
保护		过压、过流、过功率		
短时过载		200%@2s, 500%@0.5s		
通讯功能		RS232/RS485		