



Innovative Products  
Create Customer Value

PILOT TECHNOLOGY



**Pilot**



Using Power with Wisdom, Saving Energy with Green

# Who Is PILOT?



## Leading provider:

— Hardware, Software, Integration Service for Electricity in China



**Headquarter in Zhuhai**

### Branches:

- Beijing
- Shanghai
- Shenzhen
- Guangzhou

### Subsidiary:

- Epower Technology Ltd.
- Pilot (HENGQIN)
- Pilot (Thailand) Co.,Ltd.

# Our History

Released 1st generation  
Power meter

2000



Zhuhai PILOT Established

Released Fire Alarm Detector

2002



ODM for ABB and OEM for EATON



Shanghai Branch Established

2004



**Pilot Brand Promoting**

- Won famous projects:  
Guangzhou Baiyun International Airport  
Macao Venetian Hotel etc...
- Exported to Thailand, Malaysia

Released Fire Alarm System **2008**



CE, KEMA, GOST etc. Certificate  
Won famous projects in Olympic Venues.



Released Energy Management System **2010**



Won the bid of Shanghai World Expo venues



Released BCPM and DCIM Battery Monitoring System For Data Center **2012-2013**



Awarded TOP 10 brands in Chinese power distribution fields together with ABB/Schneider/ CHINT etc



Release Prepaid System & Billing System **2014**



Started IPO preparation

**2016**



Second Phase Office Building Under Construction



# Our Partner





# EV Charger and Solution

- **Flexiable with Different Option**
- **Billing Function**
- **Multiple Payment Method** (Alipay, WeChat pay, Union Pay)
- **Safty Protection Function**  
(lightning , leakage current, over-voltage, over-current, emergency stop )
- **IP54**
- **User-friendly operation**
- **Easy Installation**
- **GB/T 18487, GB/T 20234 & relevent IEC standards**
- **Reliable & Safe**

# Application



Residential  
Parking Area



Bus/Car Charging  
Station

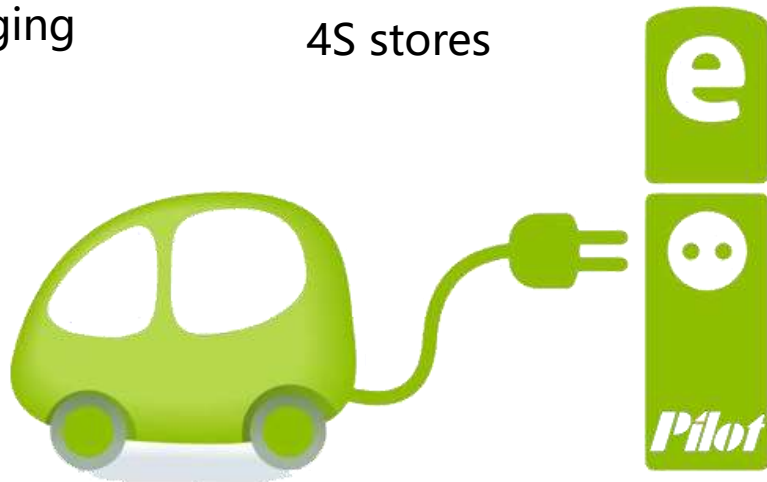


4S stores



Hotel

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# Detail Information

1. AC EV Charger

2. DC EV Charger



## 1. AC charger PEVC2101

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<b>7kW</b>	Power	<b>32A</b>	Current
<b>IP54</b>	Protect	<b>1%</b>	Metering

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**5m** flexible cable

**128\*64** LCD resolution ratio

**Contactor** output control      **2 payment methods** (by card / QR code (APP、 public account))

**2 installation methods** Wall mount or floor stand type

**3 communication methods** (WiFi/Ethernet/GPRS)

**6 protections** Leakage/overvoltage/overload/short circuit/undervoltage/lightning protection)



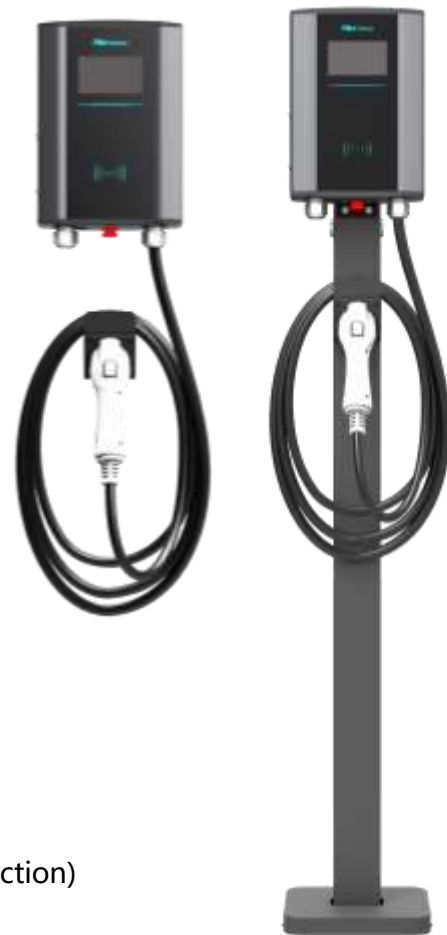
## 2. AC charger PEVC2105

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<b>7kW</b>	Power	<b>32A</b>	Current
<b>IP54</b>	Protect	<b>1S</b>	Metering Accuracy

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- 5m** flexible cable
- 480\*270** touch screen display
- Contactor** output control
- 2 payment methods** (by card / QR code)
- 2 installation methods** Wall mount or floor stand type
- 3 communication methods** (WiFi/Ethernet/GPRS)
- 6 protections** (Leakage/overvoltage/overload/short circuit/undervoltage/lightning protection)



### 3. AC charger PEVC2102

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**42kW** Power      **63A** Current  
**IP55** Protection      **1S** Metering Accuracy

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**5M** flexible cable      **7 Inch** color touch screen  
**Contactor** output control      **2 payment methods** (by card / QR code)  
**1/2** output charger plug      **2 communication methods** (Ethernet/GPRS)  
**7 protections** (Leakage/overvoltage/overload/short circuit/undervoltage/  
lightning protection/access control)



# Detail Information

1. AC EV Charger

2. DC EV Charger

## 1. DC Charger PEVC3101

**30kW** Power **96%** max Efficiency

**IP54** Protection **1S** Metering Accuracy

**5M** Flexible cable **7 Inch** color touch screen

**95%** rated efficiency **2 Payment Methods** (by card / QR code)

**1** output **2 Communication methods** (Ethernet/4G)

**10 Protections** (leakage/input over-voltage/under-voltage/output over-voltage/insulation monitoring/reverse connection/over-heat/plug over-heat/contactor adhesion protection /BMS anti-error protection/access control protection)



## 2. DC Charger PEVC3102

**120kW** Power      **96%** Highest Efficiency

**IP54** Protection      **1S** Metering Accuracy

**5M** Flexible cable      **7 Inch** color touch screen

**95%** rated efficiency      **2 Payment Method** (by card / QR code)

**1/2** output      **2 Communication methods** (Ethernet/4G)

### 10 Protections

(leakage/input over-voltage/under-voltage/output over-voltage/insulation monitoring/reverse connection/pile over-heat/plug over-heat/contactor adhesion protection /BMS anti-error protection/access control protection)



### 3. DC Charger PEVC3103

**280kW** Power      **96%** Highest Efficiency

**IP54** Protection      **1S** Metering Accuracy

**5M** Flexible cable      **7 Inch** color touch screen

**95%** rated efficiency      **2 Payment Methods** (by card / QR code)

**1/2** output      **2 Communication methods** (Ethernet/4G)

#### **10 Protections**

(leakage/input over-voltage/under-voltage/output over-voltage/insulation monitoring/reverse connection/over-heat/plug over-heat/contactors adhesion protection /BMS anti-error protection/access control protection)



## 4. Portable AC charger PEVC3201

**30kW** Power      **96%** Efficiency

**IP30** Protection      **1S** Metering Accuracy

**3M** flexible cable      **4.3 Inch** color touch screen

**95%** rated efficiency      **1 payment method** (QR code)

**1** output      **1 communication method** (wireless 4G)

**6 protections** (leakage/overvoltage/overload/short circuit/undervoltage/lightning protection)





**Pilot**

**Case Study**



## Shanghai Disneyland Park

EV charge station for Shanghai Disney park phase I and ii, to meet the charging demand of Shanghai Disney employees.

This station contains 35 sets AC chargers and 3 sets 60kw DC chargers.

Pilot completed the overall design, construction, operation management and daily maintenance of the station.



# Zhuhai Southern Software Industry Park

Zhuhai southern software park charging station is a self-operated charging station operated by PILOT, to meet the charging demand of Shared vehicles at each charging point in zhuhai.

This contains 6 AC chargers.



电气设备:					
1-1	配电箱	1.5kw 40A/2.5kw 120A	台	1	01000
2-1	配电箱	1.5kw 40A/2.5kw 120A	台	2	01000
3-1	电力电缆	3芯2.5-4*2.5+1*2.5	米	780	23K_2
4-1	电力电缆	3芯2.5-4*2.5+1*2.5	米	75	17K_3
5-1	电力电缆	3芯2.5-4*2.5+1*2.5	米	800	17K_3
6-1	防火桥架	300*30	米	30	22_4K
报警	-	-	-	-	-
电气连接:					
1-1	配电箱	铜大缆料、铜大缆料	米	1	21000
2-1	配电箱	铜大缆料	米	1	21000
3-1	报警	镀锌角、角钢	米	1	80000
报警	-	-	-	-	-
弱电设备:					
1-1	交流屏	750*1200*200	台	1	3000
2-1	配电箱	1000*1000*500	台	1	3000
3-1	空调设备	空调设备、金属柜	米	1	3000
4-1	配电箱	800*500	个	1	1000
报警	-	-	-	-	-
弱电连接:					
1-1	配电箱	镀锌、基础	米	1	20000
报警系统:					
1-1	报警系统	报警灯、报警器	米	1	20000
监控系统:					
1-1	报警系统	摄像头、显示屏	米	1	40000

## Shanghai Jinshanfengjing Electical Bus Charging Station



# Zhuhai Railway Station



## Zhuhai Huaye Huaye office Building



## Zhuhai Hanlin Square



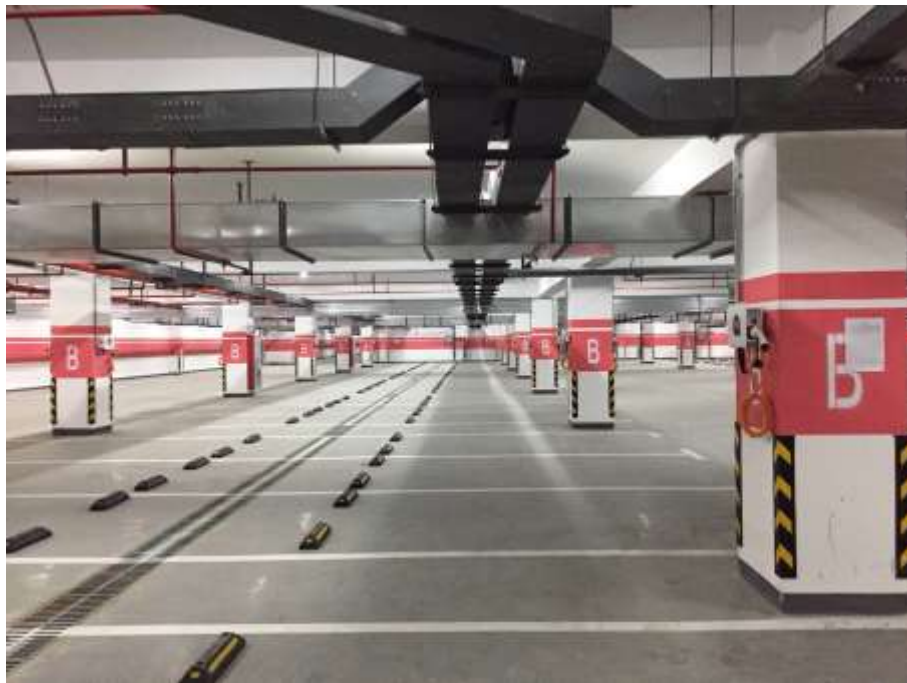
# Luxury Hotel

## Shanghai Rocco Forte Hotel AC Charge

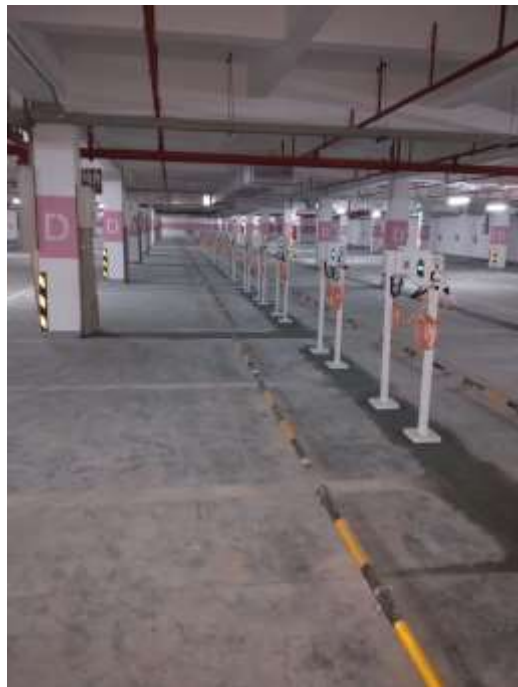




# Shanghai Semir Cloth Factory Parking Lot



# Shenzhen Holiday Inn & Meilong school



# Shanghai Academy of Sciences



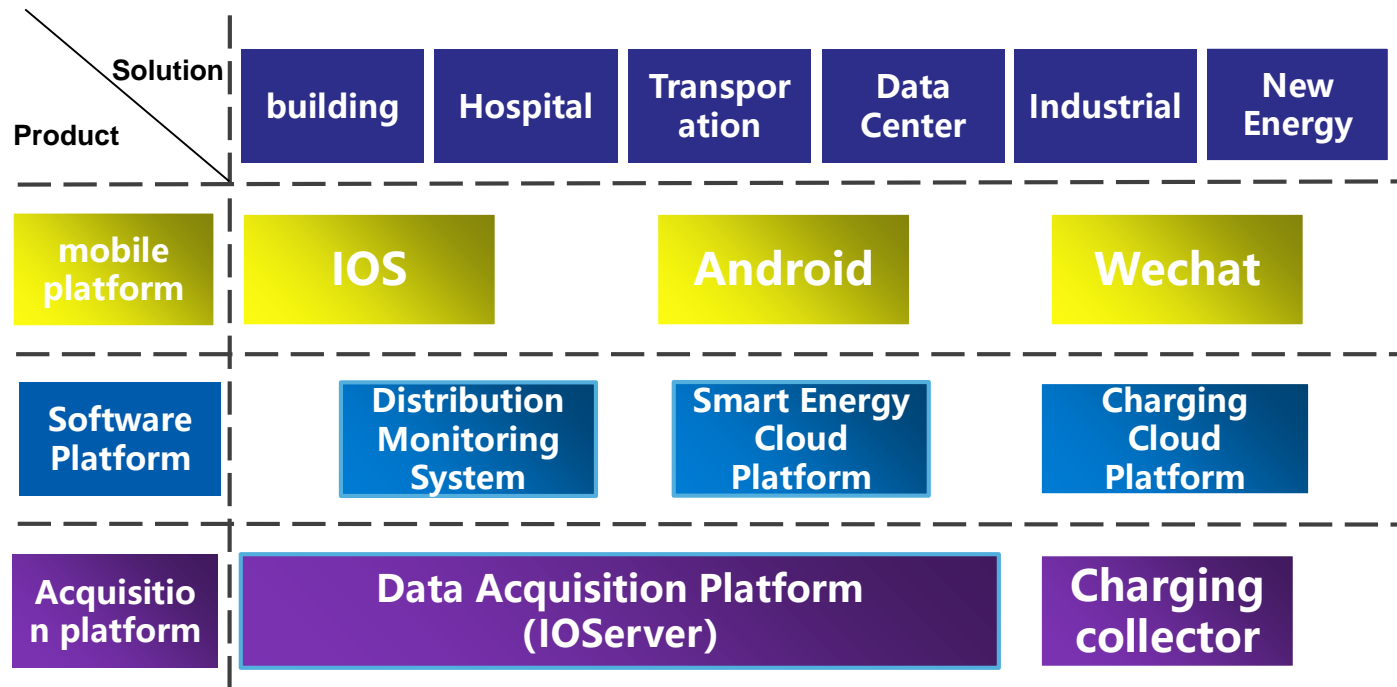
**Pilot**

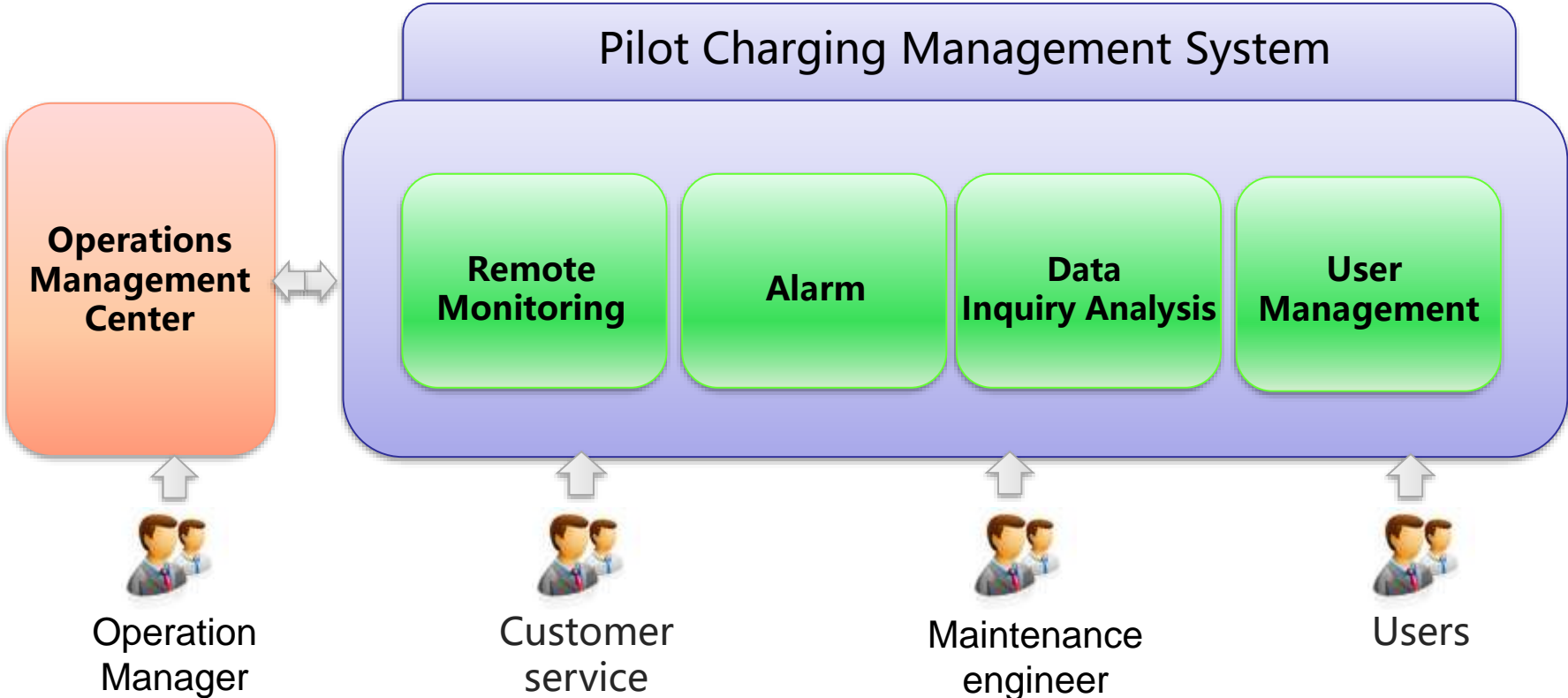
# System & Cloud Platform





# PILOT Cloud Business+Industry Solution





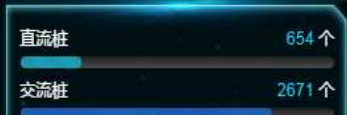
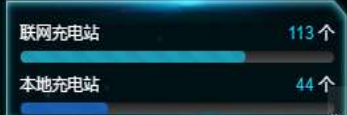
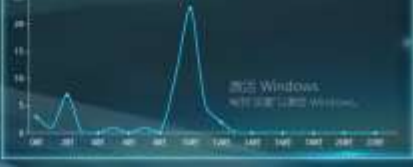
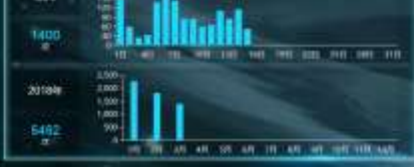
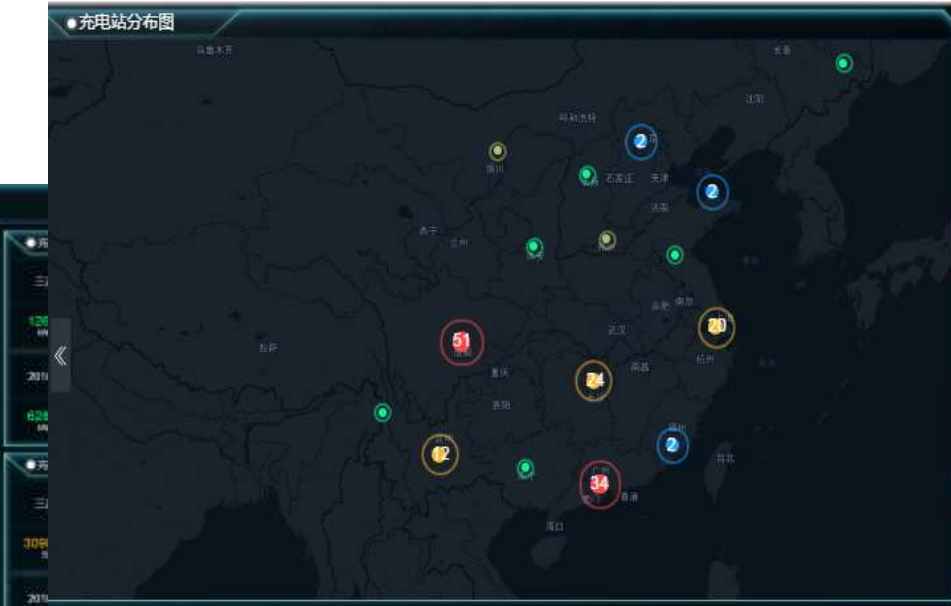


## PILOT Charging Management System

- Local Platform or Alibaba Cloud platform (Optional)
- Can be connected to more than 100,000 chargers via a network
- Support Multiple payment method, like Alipay, WeChat, UnionPay etc..
- Monitoring
- Fault alarm
- Data Analysis
- User Management



## Pilot 派诺科技充电云平台



Locate the charging station  
Make an appointment

Overview of the station

Charging information

Payment information



# Contact Us



**Wechat service**

Pilot-ThinkGreen



**Service  
hotline**

400-878 6678

24/7 available



**Website**

[www.pmac.com.cn](http://www.pmac.com.cn)



**TEL**

0755-26743945

Thank You