

# YUANTAI



Laptop



Desktop



2.5 Inch SATA



2.5 Inch SSD



HDTV



Andriod Smartphones  
OTG Function

## 东莞市元泰精密工业有限公司

DONGGUAN YUANTAI PRECISION INDUSTRY CO., LTD.

冲压、注塑成型，模具设计与制作  
Stamping, Injection Molding, Mold  
Design and Production

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## ABOUT YUANTAI 关于元泰精密

Компания Dongguan Yuantai Precision Industry Co., Ltd. (ранее Dongguan Poozer Precision Mold Co., Ltd.) была основана в 2015 году. Основное направление компании — это разработка и производство прецизионных разъемов и оптоэлектронной продукции, проектирование и производство прецизионного оборудования и пластиковых форм.

Yuantai Precision Industry объединяет технические и человеческие ресурсы отрасли, наращивает мощь, увеличивает инвестиции и стремится стать самым влиятельным производителем в индустрии разъемов. Компания может полностью обеспечить потребности автомобилестроения, авиации, медицины, связи, электроники 3С, промышленной электроники, полупроводниковых микросхем, новая энергетики, фотоэлектрические накопители энергии и другие области - от разработки пресс-форм до интегрированной штамповки и литья под давлением. Технология-это ось развития предприятия, а качество его основа.

Yuantai Precision собрала высококвалифицированных инженеров-проектировщиков с большим опытом, креативностью и субъективной инициативой для реализации сложных проектов.

Yuantai Precision использует закрытые цеха, не содержащие пыли и индивидуальное производство с серией передового интеллектуального оборудования, обеспечивающего мощную поддержку эффективного производства предприятия. Японские прецизионные машины для литья под давлением, такие как Fanuc, Nissei и JSW, а также 20 высокоскоростных пуансонов С-типа и порталных штамповок, таких как японский Doby и тайваньский Mingxu. Японские станки для резки проволоки Seibu и Mitsubishi, японские станки резки маслом Seibu и швейцарские AgieCharmilles, Mitsubishi, Makino, Sodick mirror spark, Makino и высокоскоростные обрабатывающие станки Mitsubishi с ЧПУ и т.д. Применяем высокоточное измерительное оборудование, такое как толщиномер покрытия Fischer, XRF, экологический тестер, полностью автоматический тестер для вставки и извлечения, швейцарский инструментальный микроскоп Nikon Hexagon CMM, японский инструментальный микроскоп Nikon, оптический проектор Nikon, швейцарский измеритель высоты TRIMOS и т.д.

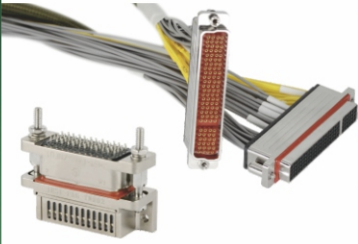
Компания Yuantai Precision создала передовую научную систему управления, внедрила ERP-систему управления производством и материалами, использует международное программное обеспечение для проектирования и инжиниринга, предоставляя нашим инженерам возможность реализовать свои навыки.

Компания Yuantai Precision никогда не переставала двигаться вперед, всегда стремиться к высокому качеству и предоставляет взаимовыгодные условия сотрудничества, создавая новые чудеса в индустрии прецизионных разъемов!



### JH 系列高速差分微矩形连接器

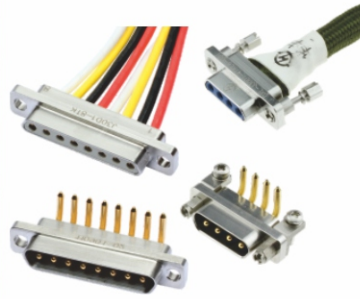
JH Series High-speed Differential Micro Rectangular Connector



- Meet the transmission requirement for gigabit network, 1553B, 1394, USB, DVI, HDMI, LVDS etc. hi speed signal or optical signal
- Miniature, environment resistance anti striking vibration
- Multi signal mixed transmission, all kinds of locking and terminal connection
- Transmission rate: 1.65Gbps, 6.25Gbps

### J30D 系列微矩形连接器

J30D Series Micro Rectangular Connector



- Conform to GJB2446(MIL-DTL-83513) standard
- Terminal connection: wire welding, PCB welding, wire crimping
- Contact pin: 2~25 pins
- Working current: 3A mixed with 5A, 5A, 13A

### J30J 系列微矩形连接器

J30J Series Micro Rectangular connector



- Conform to GJB2446 (MIL-DTL-83513) standard
- Metal shell
- Hi reliable twist pin contact with  $\Phi 0.45\text{mm}$ , Spacing 1.27mm, array pitch 1.1mm
- Terminal connection: wire crimping, wire welding, PCB welding
- Contact pin: 9~100 pins
- Working voltage: 200V
- Working current: 3A

### J142 (J-D) 系列矩形连接器

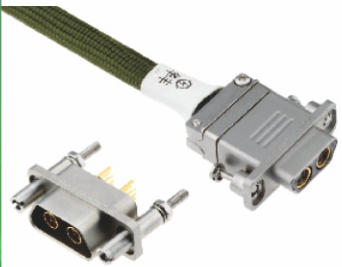
J142 Series Rectangular Connector



- Conform to GJB142A-94(MIL-DTL-24308) standard
- Multi contact, be able to transmit low frequency, hi frequency signal and connect power source
- Terminal connection: wire welding, PCB welding, wire crimping, soldering free flexible plate;
- Contact pin: 9~50 pins, power source: 2~8 pins
- Working voltage: 300~500V
- Working current: 1A~30A

### J29C 系列高速差分微矩形连接器

J29C Series High-speed Differential Micro Rectangular Connector



- Conform to GJB2446 standard
- Four coaxial differential contact, transmission speed 1.65Gbps
- Contact pin: 2~8 pins
- Working voltage: 125V
- Working current: 1A

### J63A 系列超微矩形连接器

J63A Series Ultra Micro Rectangular Connector



- Conform to GJB7245-2011 standard
- Hi reliable twist contact with  $\Phi 0.25\text{mm}$ , spacing 0.635mm, array pitch 1.27mm
- Terminal connection: wire crimping, PCB welding, surface mounting
- Contact pin: 9~69 pins
- Working voltage: 250V
- Working current: 1A

### J30L 系列微矩形滤波连接器

J30L Series Micro Rectangular Filter connector



- Conform to GJB2446(MIL-DTL-83513) standard
- C type or  $\pi$  type filter circuit
- Customized capacity according to the signal
- Contact spacing:  $1.27 \times 1.1\text{mm}$
- Terminal connection: wire welding, PCB welding, surface mounting, bonding
- Contact pin: 9~37 pins
- Working voltage: 100V DC
- Working current: 2A

### HDC-A 系列

HDC-A Series



- Number of contacts: 3, 4, 10, 16, 32 (2x16)+PE
- Rated current: 10A max (3, 4 cores); 16A max (10, 16, 32 cores)
- Rated voltage: 230V/400V (3, 4 cores) 250V (10, 16, 32 cores)
- According to UL/CSA rated voltage: 600V
- Voltage withstand: 2210V (pulse voltage 4000V)
- Insulation resistance:  $\geq 10000\text{M}\Omega$

**JVNX 系列高速模块总线连接器**

JVNX Series High-speed Module Bus Connector



- Compliant with VITA74 bus protocol, with a transmission rate of 20Gbps;
- Spacing of 1.27mm x 1.27mm, capable of arranging 133 differential pairs;
- Suitable for applications in missile borne, unmanned aerial vehicles, and unmanned vehicle environments.

**FMC 系列1.27间距微型板间连接器**

FMC Series 1.27mm Spacing Micro Board to Board Connector



- Conform to GJB2446(MIL-DTL-83513) standard
- Terminal connection: wire welding, PCB welding, wire crimping
- Contact pin: 2~25 pins
- Working current: 3A mixed with 5A, 5A, 13A

**JVPX 系列高速模块总线连接器**

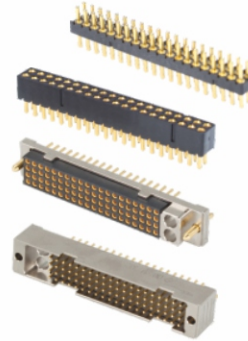
JVPX Series High-speed Module Bus Connector



- Applied to VITA46 bus system
- Meet the requirement of 6U and 3U Backplane as well as integrate RF Module, optical module and power source module into one hi Integration mixed module
- Full metal rack enforced
- Differential transmission speed 6.25Gbps
- RF frequency 40GHz, current for the power source module 16A

**CN 系列2mm间距微型板间连接器**

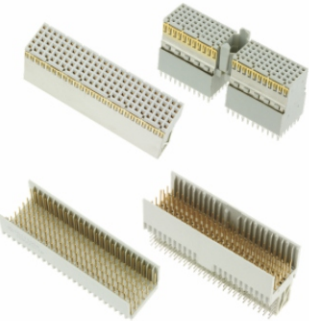
CN Series 2mm Spacing Micro Board to Board Connector



- Contact spacing: 2mm x 2mm
- Core count: 1 to 200 cores
- Transmission rate: 3.125 Gbps
- Product features: Ultra low PCB interconnect
- CN1 metal shell with a minimum board to board spacing of 10mm
- CN2 plastic shell with a minimum board to board spacing of 7.5mm

**HM2 系列高速背板连接器**

HM2 Series High Speed Backplane connector



- Conform to GJB2446 standard
- Four coaxial differential contact, transmission speed 1.65Gbps
- Contact pin: 2~8 pins
- Working voltage: 125V
- Working current: 1A

**CRM 系列线簧孔印制板连接器**

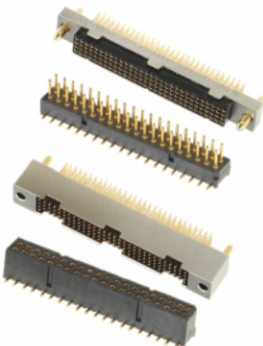
CRM Series PCB Connector with Wire Spring Socket



- Conform to MIL-DTL-55302 standard
- Hyperboloid Spring with the socket  $\Phi 0.635\text{mm}$ , space 1.905mm
- Anti missing and locking
- Terminal connection: wire welding, PCB welding;
- Contact pin: 10~206 pins
- Working voltage: 200V
- Working current: 3A

**CM 系列1.27mm间距微型板间连接器**

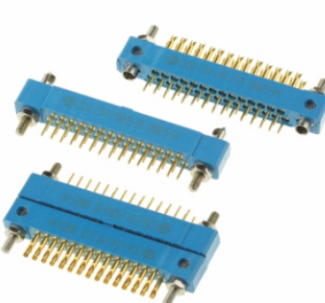
CM Series 1.27mm Spacing Micro Board to Board Connector



- Contact spacing: 1.27mm x 1.27mm
- Core count: 1 to 200 cores
- Transmission rate: 1.25 Gbps
- Product features: Ultra low PCB interconnect
- CM1 metal shell with a minimum board to board spacing of 9.5mm
- CM2 plastic shell with a minimum board to board spacing of 6mm

**CS 类线簧孔印制板连接器**

CS Series PCB Connector with Wire Spring Socket



- Conform to GJB1438(MIL-DTL-55302) standard
- Hyperboloid wire spring socket, spacing 2.54mm, 3.81mm, 5.08mm, 6mm etc.
- Terminal connection: wire welding, PCB welding, Crimping
- Contact pin: 8~280 pins
- Working current: 1A~8A

**PLCC48 系列光模块**

PLCC48 Series Optical Modules



- 4 send 4 receive, 12 send, 12 receive
- Transmission rate 10.3125Gbps
- Center wavelength 850nm
- 12 core MT optical interface

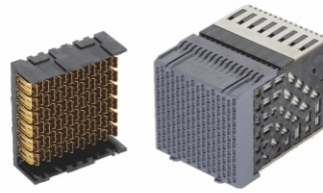
**POB 100Pin LGA 系列光模块**

POB 100Pin LGA Series Optical Modules

- 4 send 4 receive
- Transmission rate 25.78125Gbps
- Center wavelength 850nm
- 12 core MT optical interface

**MHT 系列高速背板连接器**

MHT Series High-speed Backplane Connector



- Complies with IEEE 10GBASE-KR and Optical Interconnection Forum (OIF) Stat Eye standard channel performance;
- Upgradeable support for up to 112Gbps transmission rate;
- Characteristic impedance 90 Ω ;
- Signal spacing: 4.7mm × 1.9mm, 4.7mm × 3.0mm;
- Module quantity: 3pairs, 4pairs, 6pairs
- Mainly used in high-end routers for data centers or core/backbone networks.

**DDR5 系列高速插槽连接器**

DDR5 Series High-speed Slot Connector



- Design according to the specifications of JEDEC Solid State Technology Association;
- There are two key bit structures: RDIMM and UDIMM;
- The maximum transmission speed can reach 6.4GT/s;
- Pin: 288 pins;
- Terminal spacing: 0.85mm;
- Rated current: 1.0A.

**DY33 系列电源连接器**

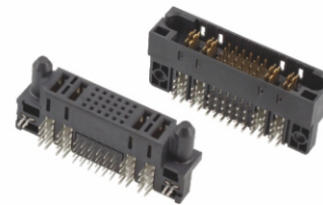
DY33 Series Power Connector



- Maximum single PIN current capability of 35A;
- Backward compatibility with the plug-in interface;
- Two types of PCB structural forms;
- Voltage withstand 1500V AC.

**DY28系列电源连接器**

DY28 Series Power Connector



- Upgrade the single PIN current capability from the standard 40A to 60A;
- Backward compatibility with the plug-in interface;
- The combination structure can quickly form new power and signal combinations;
- Multiple termination forms are available, and the soldering version supports reflow soldering.

**HFEV280 系列两芯车载高压连接器**

HFEV280 Series High-voltage Connectors



- 360° all-round shielding;
- Equipped with high-voltage interlock (HVIL) function;
- There are four key positions A, B, D, and E for error prevention selection;
- Rated current:
  - 16A @ 85 °C for 2.5mm
  - 20A @ 85 °C for 3mm
  - 32A @ 85 °C for 4mm
- Rated voltage: 1000 V DC

**J63A 系列超微矩形连接器**

J63A Series Ultra Micro Rectangular Connector



- 360° all-round shielding.
- Equipped with high-voltage interlock (HVIL) function,
- There are two key positions A and B for error prevention selection.
- Rated current:
  - 90A @ 85 °C for 16mm
  - 120A @ 85 °C for 25mm
  - 150A @ 85 °C for 35mm
  - 180A @ 85 °C for 50mm
- Rated voltage: 1000 V DC

**车载高压线束**

Vehicle Mounted High-Voltage Wiring Harness

- Customized development of high-voltage cable components for customers.

**车载 PDU**

Vehicle mounted PDU

- Applied in the field of new energy vehicles, including passenger cars, commercial vehicles, urban buses, engineering vehicles, etc

**HDC-A 系列**

HDC-A Series



- Complies with SAE USCAR-17/18 standard specifications;
- Frequency 6GHz;
- Excellent protection capability IP6K9K;
- 14 color coding configurations, efficient anti misinsertion;
- Characteristic impedance 50 Ω ;
- Working voltage 60 V DC;
- Working current 1A DC.

## FLR 系列高速总线微圆形连接器

FLR Series High-speed Bus Micro Circular Connector



- Refer to micro 38999 design
- Joint type: buckle, thread, push & pull connection
- Contact pin: 4, 6, 8, 12, 36 pins
- Transmission: coaxial, opposite angles, difference Transmission rate: 1.65Gbps
- CAN bus, FlexRay bus signal transmission
- Working voltage: 125V DC
- Working current: 1A

## J599 系列高速差分圆形连接器

J599 Series High-speed Circular Connector



- Conform to GJB599 standard
- Conform to XP30036-2009 spectrum standard
- Four coaxial differential contact with transmission speed 1.65Gbps
- Contact pin: 1~14 pins
- Working voltage: 125V
- Working current: 1A

## J599系列MT光纤连接器

J599 Series MT Fiber Optic Connector



- The interface size complies with the GJB599 (MIL-DTL-38999) standard;
- Connection method: triple threaded;
- MT fiber optic plug contact;
- Fiber Channel 12~96 cores.

## J599 系列气密封圆形连接器

J599 Series Circular Connector With Air Tight Sealing



- Conform to GJB599(MIL-DTL-38999) standard
- Glass seal socket, when air pressure difference 100KPa, leakage rate  $\leq 0.1\text{Pa cm}^3/\text{s}$
- Joint type: three thread, buckle locking connection
- Terminal connection: wire welding, PCB welding,
- Contact pin: 1~128 pins
- Working voltage: 400~1000V
- Working current: 5A~80A

## YF6 系列圆形脱落连接器

YF6 Series Circular Detachable Connector



- Separation method: Electromagnetic separation(23V~32V, Current 5A)  
Mechanical separation (35N~100N)
- Vacuum cold welding:  $1.33 \times 10^{-7}\text{Pa}$
- Radiation:  $\gamma$  Ray 0.5 Gy/s

## YSM20 系列水密封圆形连接器

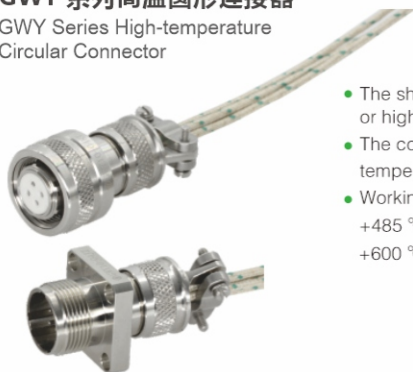
YSM20 Series Water Sealed Circular Connector



- Shell material: stainless steel, titanium alloy.
- The socket is a glass sealed socket.
- After the plug and socket are plugged in, the hydrostatic pressure is 6.75Mpa.
- Four coaxial transmission rate of 1.65Gbps.
- Working current: 1.1A, 10A.

## GWY 系列高温圆形连接器

GWY Series High-temperature Circular Connector



- The shell is made of stainless steel or high-temperature alloy.
- The contact parts are made of high-temperature elastic alloy.
- Working temperature:  
+485 °C (insulation material is glass)  
+600 °C (ceramic insulation material)

## JL 型信号控制类圆形连接器

JL Series Circular Connector For Signal Control

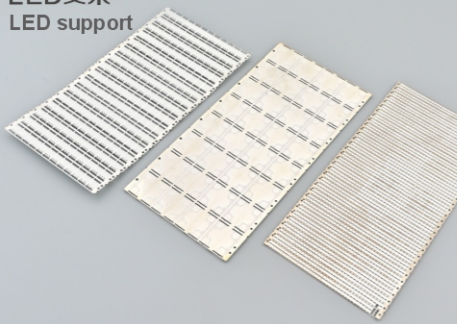


- Conform to Railway Department standard of TB/T2761-1996
- Connection type: buckle connection, thread connection
- Terminal joint: wire soldering, wire crimping
- Contact pin: 1~6 pins
- Working current: 5A~160A

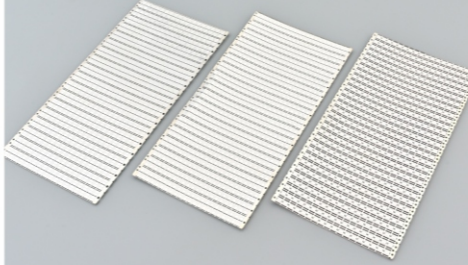
# PRODUCTS

## 产品展示

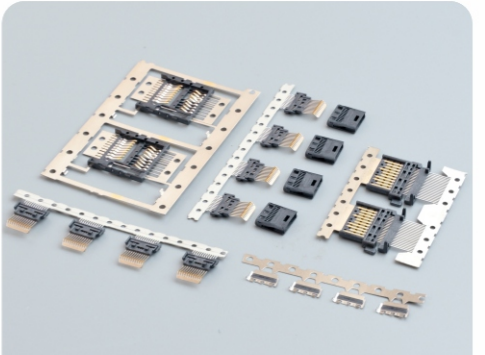
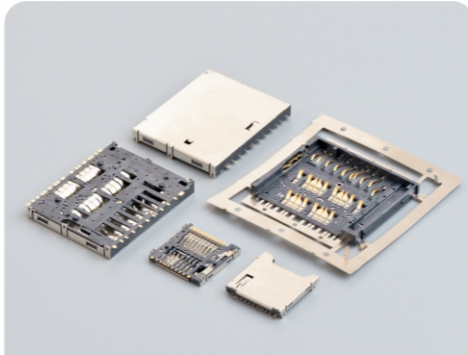
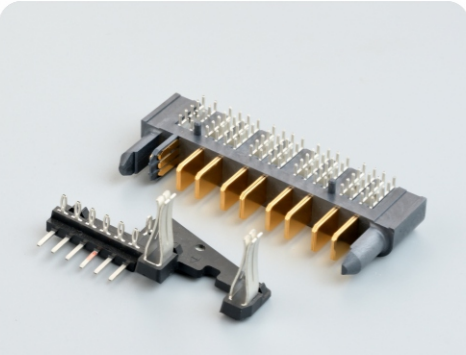
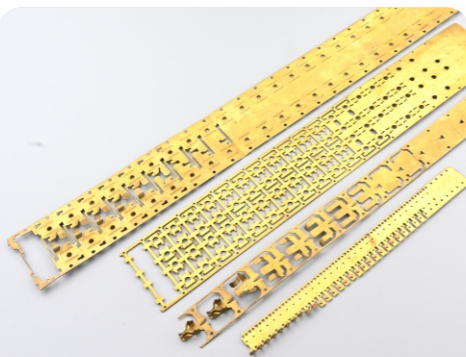
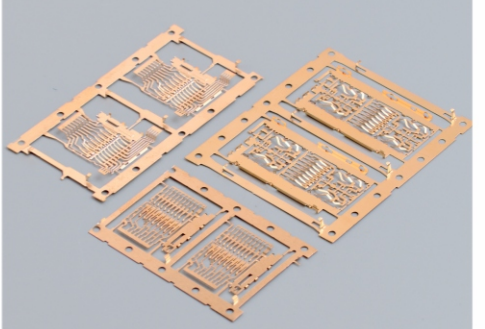
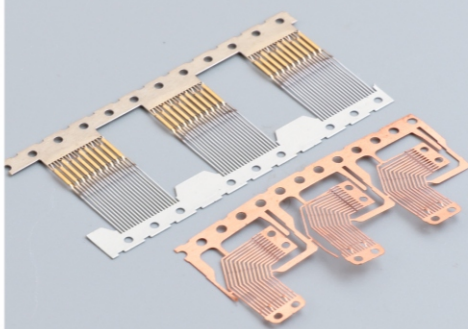
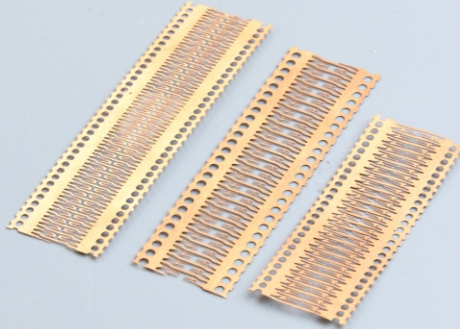
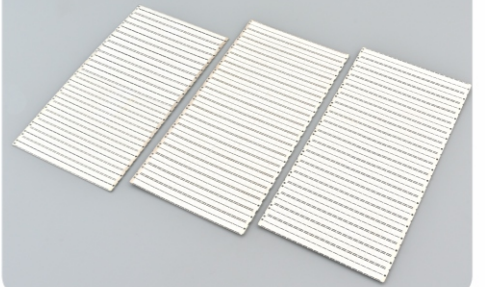
LED支架  
LED support

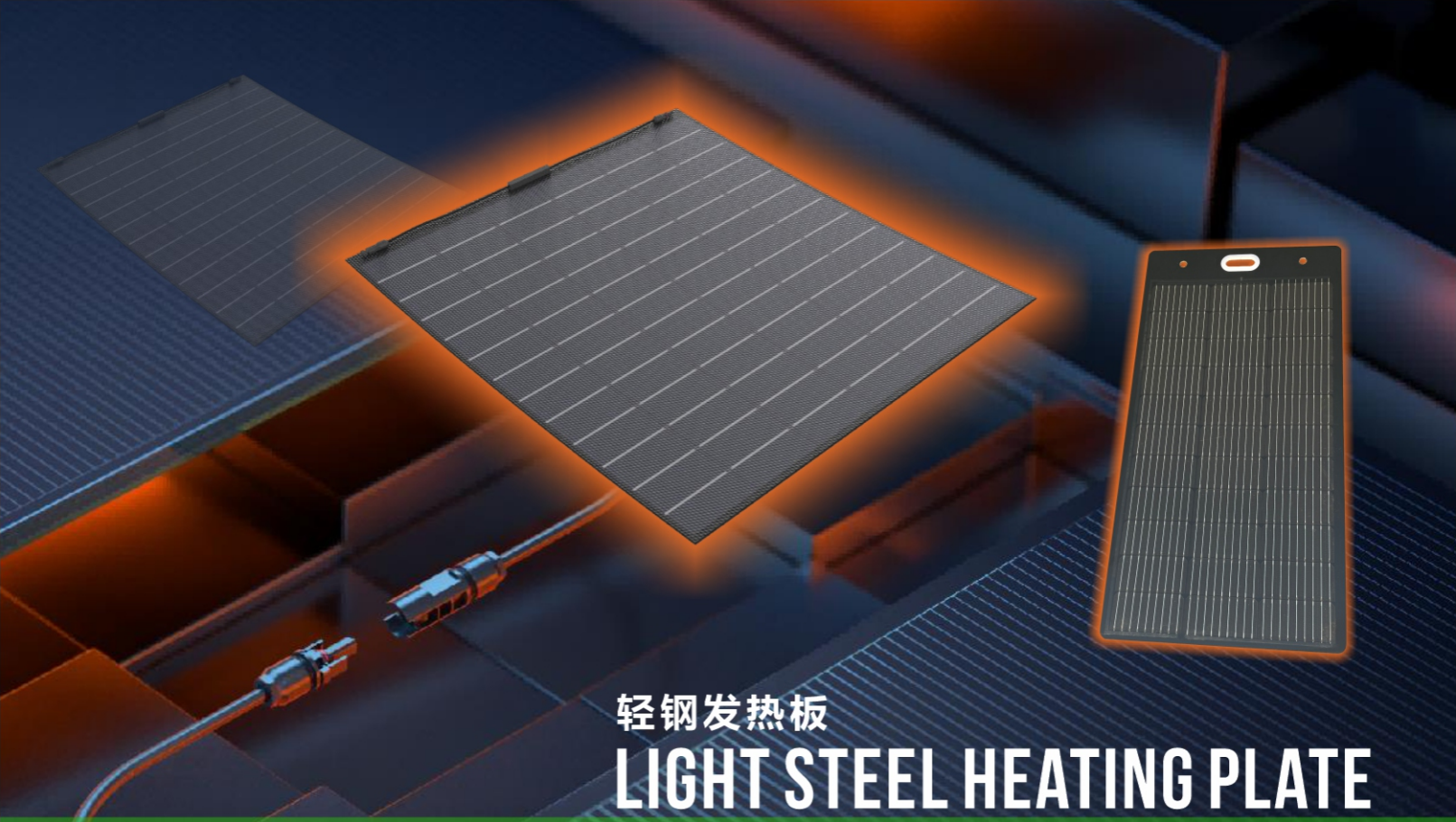


LED支架  
LED support



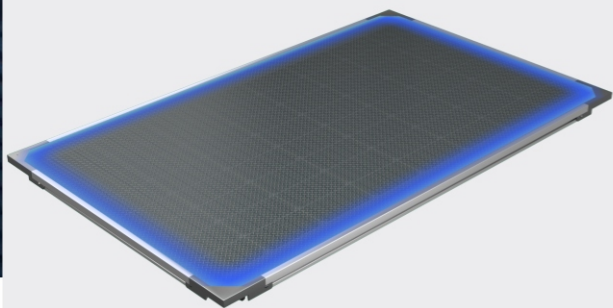
LED支架  
LED support





# 轻钢发热板 LIGHT STEEL HEATING PLATE

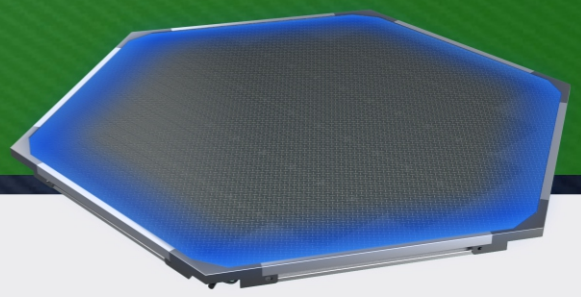
## POWER GENERATION FLOOR TILES 发电地砖类



**矩形发热地砖**  
Rectangular Heating Floor Tiles

规格: 1354mm x 820mm x 44mm  
Specification: 1354mm x 820mm x 44mm

功率 Power	工作温度 Operation Temperature	工作温度 Operation Temperature
172W	0-85%	-40°C+85°C
Vmop	Imop	表面材质 Surface Material
18.53	9.76	高强度防滑玻璃 High Strength Anti Slip Glass
电池类型 Battery Type	最大系统电压 Maximum System Voltage	质保时间 Warranty Period
PERC	1000V	10年 (10 Years)



**六边形发热地砖**  
Hexagonal Heating Floor Tiles

规格: 对边距1020m, 高度44mm  
Specification: Opposite edge distance 1020m, height 44mm

功率 Power	工作温度 Operation Temperature	工作温度 Operation Temperature
136W	0-85%	-40°C+85°C
Vmop	Imop	表面材质 Surface Material
30.11	4.88	高强度防滑玻璃 High Strength Anti Slip Glass
电池类型 Battery Type	最大系统电压 Maximum System Voltage	质保时间 Warranty Period
PERC	1000V	10年 (10 Years)

