



## *Custom Manufacturing Made Easy*

### **Engineering Services with Full Turnkey.**

Concept, Design, Drawings, Prototypes and Mass Production

### **Metal**

Stamped, Die Cast, Laser Cutting, CNC Machining, Extrusions (Thermal Solutions)

### **Plastic**

Plastic Injection Molding, CNC, 3D printing, Quick turn samples.(Automotive and Medical experience )

### **Printed Circuit Boards and PCBA**

Rigid, Flex, Flex Rigid, Aluminium, Teflon, HDI

Automotive, Medical, Industrial and Commercial

### **Custom Cable Assemblies and Connectors**

Harnesses, HDMI, Power, Interface, High Speed Data

M Circular, Terminal blocks, Power connectors

### **Battery Solutions**

Specialized in power lithium batteries, energy storage lithium batteries and systems

Fully vertically integrated factory

ISO 9001, GB/T 19001, UN38.3, CB, UL, BIS, RoHS, KC

### **Solar Power Solutions**

Specialized in solar cell-to-module manufacturing (Std. and Custom)

Fully vertically integrated factory

Meet international standard of IEC61215 and IEC61730

### **Component Sourcing**

Sourcing Quality Electronic Components Globally

Authentic/Validated and New

### **Samsung Memory**

Direct Manufacturer's Rep Eastern Canada c/o Synergy

# Custom Metal

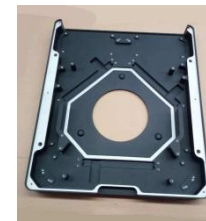
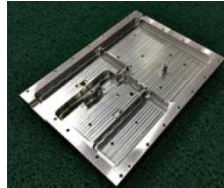
- SymSales is a Global Sales Representative
  - Engineering, Sampling, Sales, Mass Productions, Logistics, Financial and Stocking Programs
- Expertise in Stamped , Machined, Die Cast custom metal products for over 26 years
  - Fully Integrated manufacturing (paint, silkscreen and tooling in house)
  - Samples 3-4 wks., Tooling 3-4 wks., Mass Production 4 weeks
- Focus on cost-effective pricing, quick lead times, and superior quality
- Making investments in our factories to get unfair advantage and top priority
- Annual factory visits to perform audits and continued relationship building
- Long term partnerships with most of our factories (over 20 years)
  - Strategic partners
    - Flyway Metal: Stamped Metal [Fenggang Dongguan Nanshan flying source hardware and plastic products factory](#)
    - Kingka Tech: CNC, Die Cast, Extrusion: [Trusted Thermal Solution Provider And Manufacturer – Kingka](#)

# Stamped Metal - Worldwide Sales Dept.



## Die Cast and CNC Machining

- Die Cast



- Laser Cutting  
CNC Machining



- Faceplates



- Extrusions-Thermal

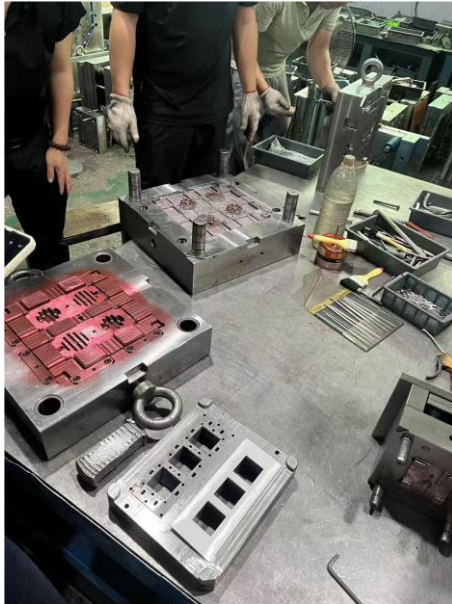


# Plastic Injection Molding

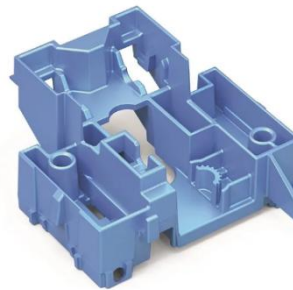
- Vacuum Forming and Reaction Injection Molding
- Rubber / Silicone Injection Mold
- Injection Mold Automotive Products
- Rapid Prototyping & Low-Medium Volume Manufacturing Services
- Markets Served
  - Automotive, Medical, Robotics, Aerospace, Transportation
- 5-Axis CNC milling for high precision
- 12 flat presses and 6 injection presses, allowing us to select suitable molding processes for mold design based on the structural requirements of our customers
- 280T to 2000T automatic diecasting machines
- Production facility of 5000 square meters and has 200 skilled staffs.
- ISO9001 and ISO13485



# Plastic Injection Molding

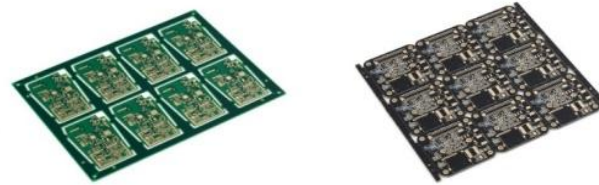


# Plastic Injection Molding

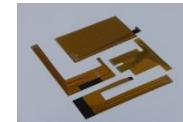
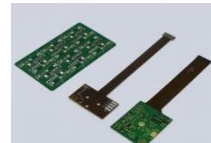


# Printed Circuit Boards/PCBA

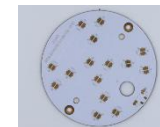
- Rigid PCB



- Flex and Flex Rigid PCB



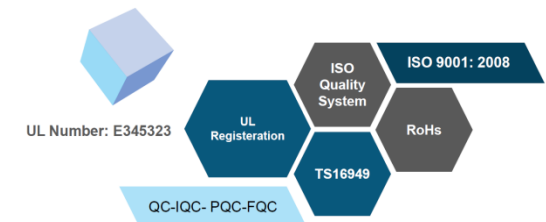
- Aluminium Boards



- Teflon Boards

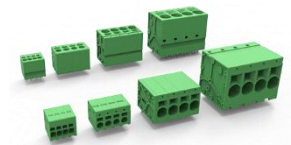
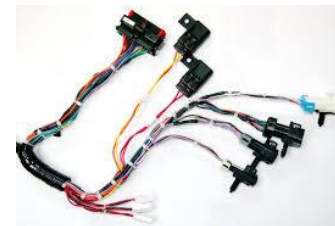


- PCBA





# Custom Cable Assemblies and Connectors



# Battery Solutions



Batteries for 48V/60V/72V 10-70Ah Electric Vehicles



Batteries for 48V/60V/72V 10~60Ah Electric Vehicles



36V 20.4Ah Electric Vehicle Battery



36V 20Ah Robot Battery



64V 200Ah Energy Storage Battery



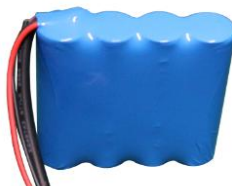
48V100Ah Energy Storage Battery



7.4V 4400mAh lithium battery



14.4V 2200mAh lithium battery



7.4V 2S2P lithium battery



12V 50-300Ah solar energy monitoring



240V100Ah Home Energy Storage Battery



24V 30Ah Portable Outdoor Battery

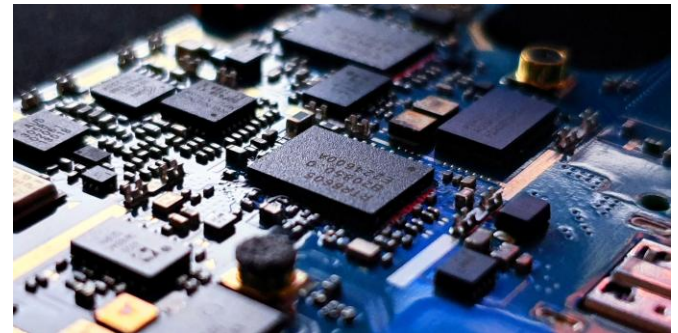
# Solar Power Solutions

- Founded in 2012
- 4 manufacturing lines –State of the art robotics
- Specialized in solar cell-to-module manufacturing (Std. and Custom)
- Solar Cell :400MW annual capacity
  - Fully Automated equipment
  - High efficiency
- Solar Module: 800MW annual Capacity
  - Wide power range: 5W-500W
- Fully vertically integrated factory
- Extensive Engineering and R/D staff
- Meet international standard of IEC61215 and IEC61730.
- Sym Sales and Centro-Energy partnership for Canada



# Electronic Component Sourcing

- Over 40 years of experience in sourcing components
  - ICs, Electro-mechanical, Passives
  - EOL, LTB, Hard to find components.
  - Proven, Audited and Certified partners (ISO)
  - New parts, no refurbs
    - Traceability and Test reports
  - Complete Testing available
  - Local Stocking program
  - BOM Scrubbing and Second sourcing



# Samsung Memory

- Direct Manufacturer's Rep Eastern Canada c/o Synergy Associates
- Over 35 years experience in providing customers with Samsung Memory products

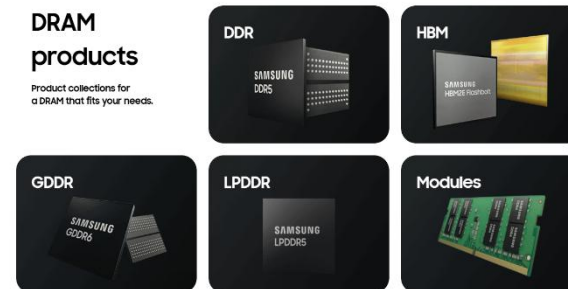
## SSD products

Product collection for SSD that fits your needs.



## DRAM products

Product collections for a DRAM that fits your needs.





# Why us?

Proven Cost-Effective Manufacturing



Clear and Proactive Communication

**Experienced Local Representation and Support  
Engineering to Production**

Quote Turnaround in 48-72 hrs.



Samples/Mass Production delivered in weeks not months



Global seamless Logistics and Stocking Programs