

UNIVERSAL MICROELECTRONICS CO., LTD.

Company Profile



MAGNETIC



POWER



ICP



OPTICAL



LCM

- **INITIAL OPERATION :**
 - » January 1984
- **EMPLOYEES :**
 - » Taiwan — 650
 - » China — 4000
 - » Vietnam — 1000
- **CAPITAL :**
 - » US\$43,209,000
- **INITIAL PUBLIC OFFERINGS:**
 - » October 1998
- **ANNUAL SALES:**
 - » US\$127,745,746. (2018)
- **PLANT FLOOR AREA :**
 - » 32,100 m² ---- Taiwan HQ and Factory
 - » 72,200 m² ---- Shenzhen Factory
 - » 6,000 m² ---- Longyan Factory
 - » 7,200 m² ---- Meizhou Factory
 - » 13,000 m² ---- Hanoi Factory



**Headquarter
Taichung Taiwan**



Taichung Factory



Shenzhen Factory



Meizhou Factory



Hanoi Factory



Longyan Factory

Your Solution Provider
Your Partner

UMEC



• CERTIFICATIONS:

- » Taiwan Factory
 - ISO 9001/ TL9000
 - ISO 14001
 - UL / TUV
 - OHSAS 18001
 - IATF_16949
 - MFi Manufacturing

- » China Factory
 - ISO 9001
 - ISO 14001
 - UL / TUV
 - IATF_16949
 - QC080000C
 - OHSAS 18001
 - MFi Manufacturing

- » Vietnam Factory
 - ISO 9001
 - UL / TUV
 - ISO 14001
 - MFi Manufacturing
 - OHSAS 18001



Universal Microelectronics Co., Ltd



MAGNETIC



- * RF transformer
 - * Telecommunications
 - * Power Transformer
 - * Inductor Products
 - * Custom Design
- Transformer/ Inductor



POWER



- * DC/DC Converters
 - * AC Open Frame
 - * Power Adapter
 - * Hot-swappable
- Redundant Power



ICP



- DMS/ EMS
- * Marine & GPS Product
 - * Automotive Radar
 - * Wearable Device
 - * BLE related Consumer



LCM



- * 3.5inch ~ 19inch
- * COG, FOG, POG
- * Lamination, OCR
- * Film on Sensor Glass
- * LCM assembly



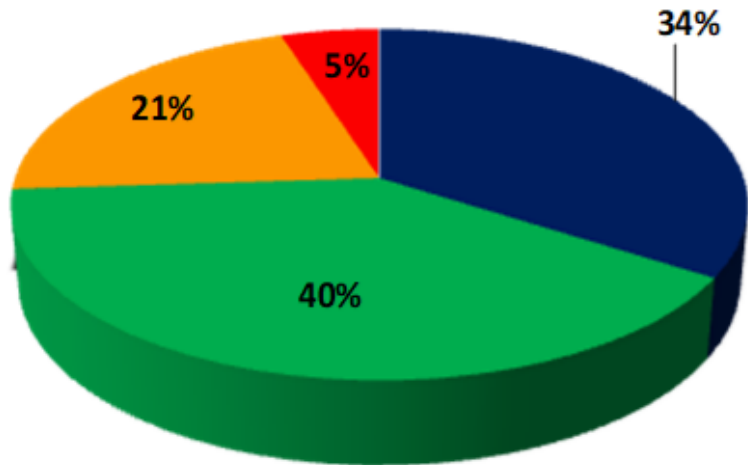
OPTICAL



- * Ultra High Speed AOC :
- HDMI, DVI, USB3.0,
- SFP+, QSFP+
- * Passive Components:
- CWDM/ DWDM
- Fused Biconical Taper

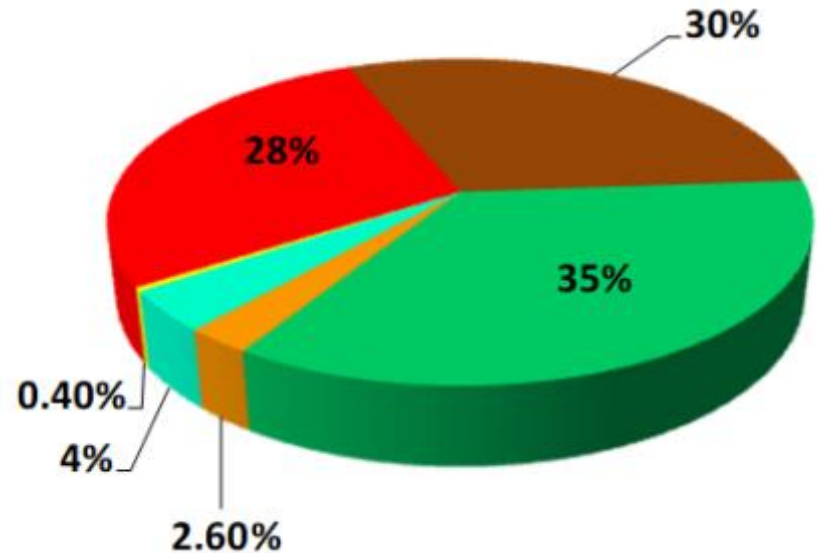
2018 ANNUAL SALES: US\$127,745,746.

● By Territory



■ Asia ■ USA ■ Taiwan ■ EU

● By Product Line



■ Magnetics ■ Power Supply ■ ICP
 ■ Optical ■ LCM ■ Others

UMEC Power Supply Business was started in 1984 from DC/DC converter.

With global R&D Headquarter is established in Taichung, Taiwan, and Technology Design teams located in Taipei, Taiwan and Shenzhen, China, enable UMEC to work closely with customers for various products meeting specialized needs and market trend.



DC/DC Brick

Encapsulated 1/16, 1/8 Brick series are available from 50W to 120W.



For Telecom / Datacom and Industrial Control System



Wall Mount Adapter

Wall Mount Adapters are available with power range from 6W to 36W.



For Datacom System



DC/DC Cu Case

General Industrial DC/DC Power Module series are available with power range from 15W to 60W.



For Telecom / Datacom and Industrial Control System



Wall Mount Adapter

Wall Mount Adapters are available with power range from 6W to 36W.



For Datacom System



DC/DC Multilayer Converter

Hi Density DC/DC Board Mount Modules are available 50W to 400W.



For Telecom / Datacom and Industrial Control System



Desk Top Adapter

Desk Top Adapters are available with power range from 45W to 120W.



For Home Entertainment & Datacom System



Power Supply Product

Redundant(CRPS)

Redundant PoE Switch Application are available with range: 250W,1200W



For Networking System



AC/DC Open Frame

I.T.E Power Supply are available with power range from 40W to 120W.



For Color Laser Printer, Multifunction Printer



Redundant(CRPS)

Redundant PoE Switch Application are available with range:250W, 2000W



For Datacom System



AC/DC Open Frame

Networking Outdoor Field U Frame are available with power range: 60W to 250W.



For Networking Outdoor



AC/DC Open Frame

I.T.E Power Supply are available with power range from 5W to 150W.



For ITE Application



AC/DC Open Frame

Networking Field PSU are available with power range from 5W to 880W.



For Telecom / Datacom System



Wall Mount(6W~36W)



- ✓ *Color Change*
- ✓ *Connector Modify*
- ✓ *Cable type & Length*
- ✓ *US/ EU/ AU/ UK Plug*

DeskTop (45W ~120W)



- ✓ *Same Dimension:
18W/ 30W/45W/ 50W*
- ✓ *100W /120W*
- ✓ *Three Types Plug*



Open Frame

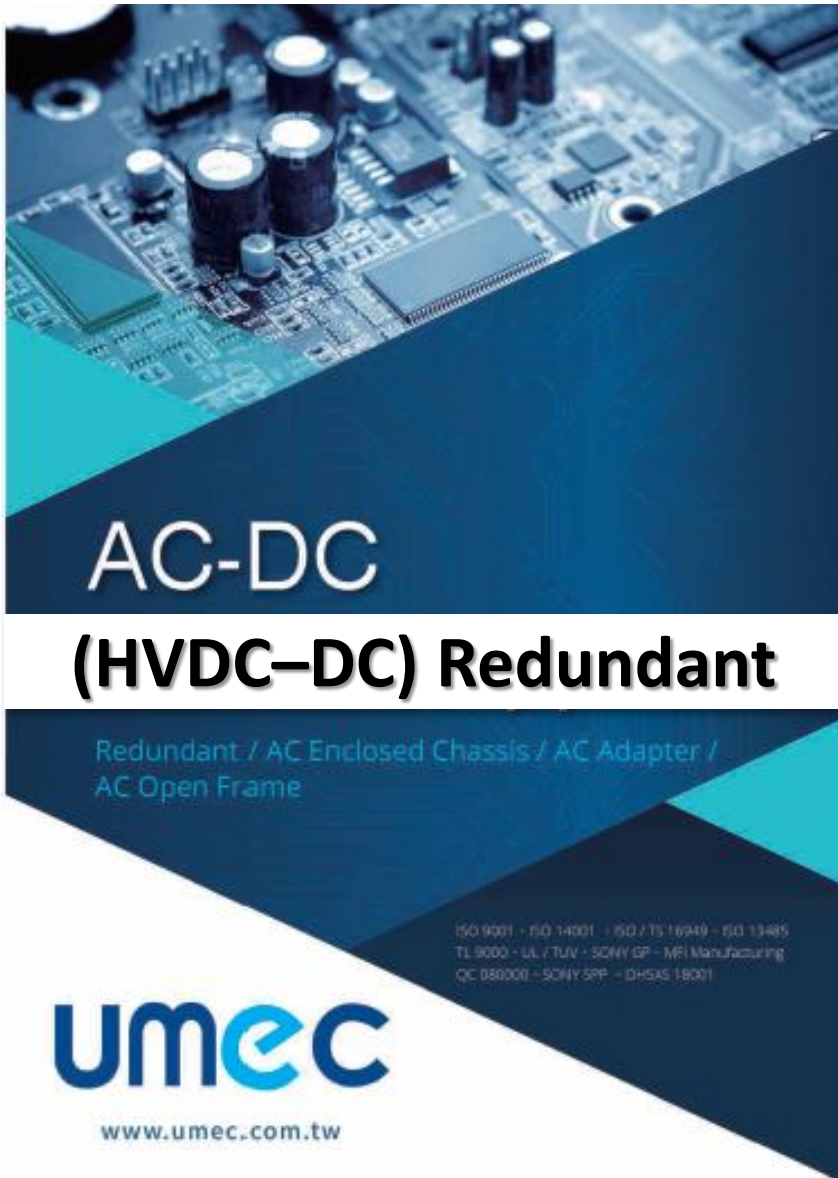


- ✓ *10W ~ 880W*
- ✓ *MTBF 300Khrs*
- ✓ *With or W/O U Frame*
- ✓ *Continuous Short Circuit Protection*

Product Support



- ✓ *Certifications Support*
- ✓ *SR & Case Modify*
- ✓ *Label & Laser Print*
- ✓ *ISTA &5000m(altitude)*



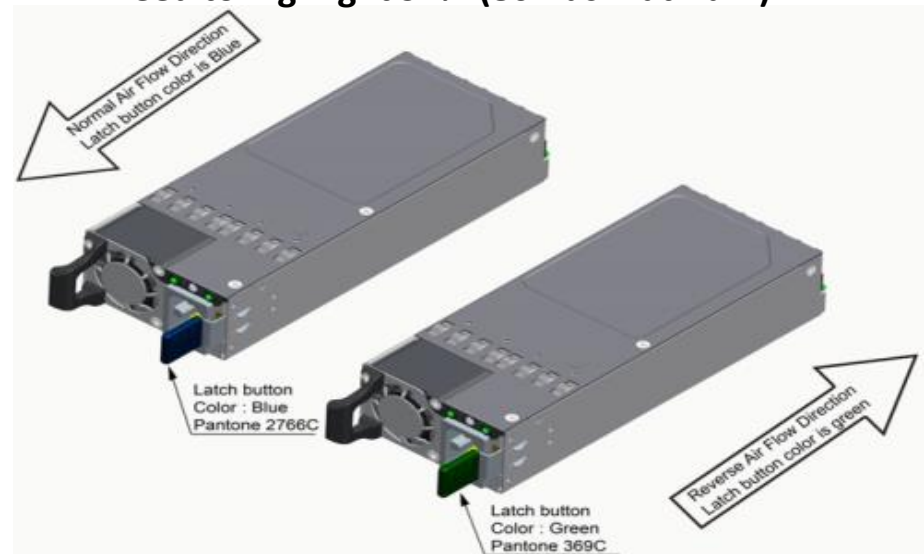
**AC-DC
(HVDC-DC) Redundant**

Redundant / AC Enclosed Chassis / AC Adapter /
AC Open Frame

ISO 9001 - ISO 14001 - ISO / TS 16949 - ISO 13485
TL 9000 - UL / TUV - SONY GP - MPI Manufacturing
QC 080000 - SONY SPP - DHSAS 18001

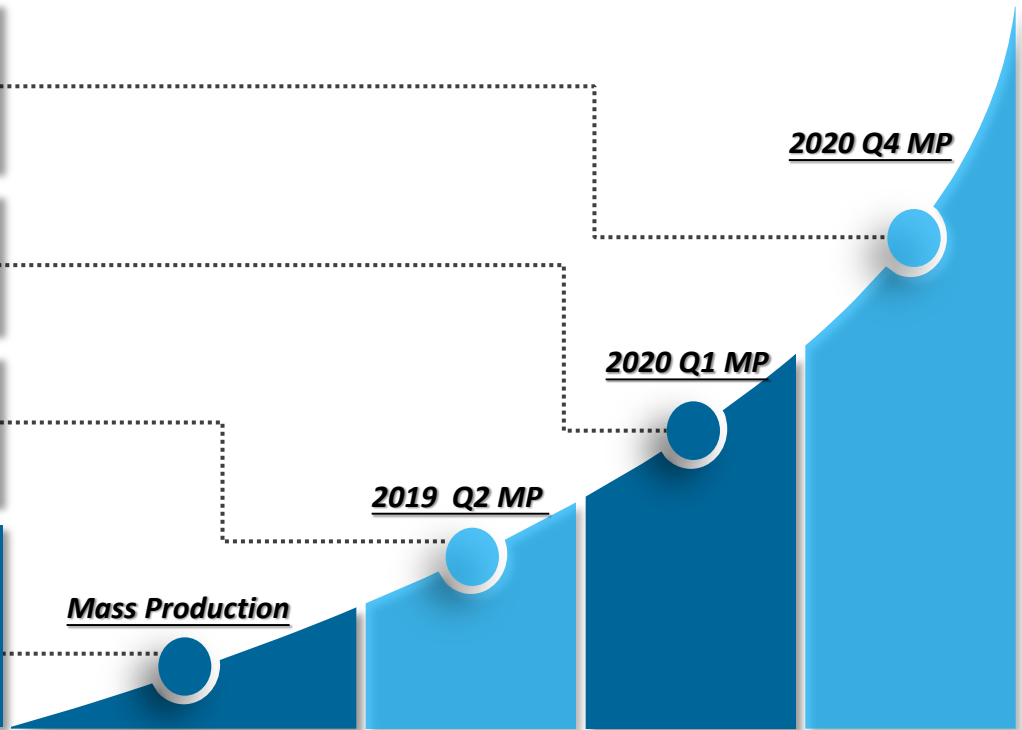
umec
www.umec.com.tw

- 300W/ 600W/ 920W/ 1200W/ 2000W PSU
- PoE 54V ; CRPS type
- 185 x 73 x 39.8(mm)
- To meet UL60950 & UL62368-1 Issue 2
- Surge 6KV/6KV for NEBS request
- Same output connector and PIN define
- Same function for AC input and HVDC input
- 920W PSU Leakage current less than 0.5mA for Medical application
- Have fan in and fan out in design model.
- The 54V series has PMBUS 1.2 version communication protocol to support 100KHz frequency.
- Eff need to highlight 94% (80Plus Platinum)



Redundant Power Supply Products

- AC(HVDC))-DC (CRPS) : 12V-2000W
- DC(LVDC)-DC (CRPS) : 12V-550W/880W/1200W
- AC(HVDC)-DC (SSI) : 12V -400W
- AC(HVDC)-DC(CRPS) PoE : (54V)-300W/2000W
- AC(HVDC)-DC(CRPS) : (12V)-550W/880W/1200W
- AC-DC(CRPS): 250W
- AC(HVDC)-DC (CRPS) POE: 54V-600W/ 1200W
- AC(HVDC)-DC (CRPS) PoE : (54V)-920W



Magnetic
Component

Power
Supply

Information &
Communication

LCM Product

Optical
Communication



SAGEMCOM

BROCADE 

OSRAM

TESLA

flex

OMRON

tyco Electronics

Nidec

Honeywell

FOXCONN
Advancing Through Innovation

KODEN

JOHNSON
OUTDOORS
THE SPIRIT OF ADVENTURE

FLUKE



CISCO
Meraki

RUCKUS
an ARRIS company

KONICA MINOLTA

RICOH
imagine. change.

JANOME

PEGATRON

Accton

arcadyan

WNC
Wistron NeWeb Corp.

MitraStar