



 **ADVICE**
Creative Technology Solutions

Power Supply Solutions





Advice- Company Profile

Advice is a worldwide leader in the design, development and manufacturing of power products and solutions.

Established in 1988, Advice brings over 30 years of experience.

Certified for ISO9001 and AS9100, Advice products and solutions are known for their high quality and reliability and comply with international standards such as TUV, UL, CSA and medical standards.

Advice best-in-class solutions include:

- Power supplies AC/DC, DC/DC and DC/AC: 1W-100KW
- Uninterruptible Power Supplies (UPS): 500VA-500KVA
- Renewable energy (solar): 100W-100MW
- Battery and energy solutions
- Solutions for server rooms and communication



Ultra Slim AC/DC Power Supply

30W-100W

Features

- 90-300VAC
- High Efficiency
- Build in active PFC
- No load power consumption <0.5W
- Protections:
short circuit / over voltage / over temperature
- IP67

NEW!!
Patent Pending



**10mm
High**

Ultra Slim LED Driver

30W-100W

Features

- 90-300VAC
- Dimming /Dali
- Flicker Free
- Build in active PFC
- No load power consumption <0.5W
- Protections:
short circuit / over voltage / over temperature
- IP67

NEW!!
Patent Pending



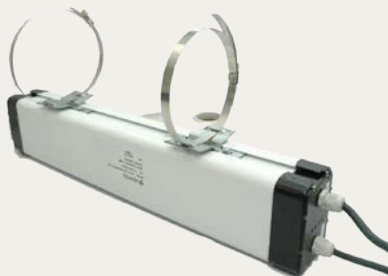
**10mm
High**

Titanium Smart Backup System

**Lithium Based-UPS, Street Light-UPS, Solar Generators
for Surveillance Cameras and Telecom 35W-1000W**

Features

- 35W-1000W 12/24/48vdc
- Supplies stable DC power 24 hours a day, 7 days a week
- Highly reliable- no fans or relays
- Narrow pole profile, blends into the environment
- Internal lithium battery to feed load when utility/solar is not available
- MPPT solar charging algorithm for up to 30% more power
- Outdoor IP65 rated
- Operation temperatures -20° to +50°C
- Third of the size and weight of lead acid battery
- 5 year lifespan without service
- Fast and easy clip-on pole installation and service
- SMBus, RS485. CANbus communication option
- Customized per requirement



Capacitor Charger Power Supply

For Laser Medical Applications 350-6000W

Features

- High efficiency, typically 90%
- Fast response and low noise
- Fully isolated input to output, allowing direct connection to an AC line
- Power factor correction 0.99
- IEC 60601-1 3rd edition and cTUVus approval
- EN55011 Class A, no external filter is needed
- Customized voltage and power output up to 1.6KV and 6000W
- Load fault watchdog timer can be modified upon customer request



High Voltage Power Supply

500W-6KW / 200~1500VDC

Features

- High Voltage 3U, 19" AC-DC Front End Power Supply
- Output Voltage between 300-1500VDC
- Output power up to 6KW
- High Efficiency 90%
- Wide temperature range: -20°C – +60°C



Redundant Modular Power Supply

3KW-15KW @ 1U/19"

Front End 12V/24V/48VDC



Features

- Highest power density in the market (3.35"x1.61"x11.8")
- High efficiency, typically 96%
- Hot-pluggable
- Internal o'ring MOSFET diode
- Active current share.
- Suitable for N+1 redundancy
- Operates with or without batteries.
- Control and Monitoring via Ethernet, RS485 and CAN bus.



Compact PCI Power Supply

AC/DC, DC/DC 300-600W

Features

- 300W 3U AC & DC models
- 600W 6U AC & DC models
- Fully compliant with PICMG® 2.11
- High power density
- Current share and hot swap operation - built-in o'ring diodes
- 16mS hold-up time at full load
- High efficiency
- Meets conducted and radiated emission testing as per EN-55022 class B requirements with external filter (with an external mains front end filter)
- No minimum load requirements
- Remote status monitoring capabilities - I²C data bus (6U units)
- "Ultra" wide range DC input models (18-36VDC & 36-72VDC)
- Ruggedized military-use option



MEANWELL

Custom Design Power Supply Based on Meanwell product line



Selected projects:

- Ruggedized charger with reserve polarity IP55
- Medical Controlled power supply
- Hot Swap N+1 600W power supply in 19" 1U rack
- 20KW cabinet for Telecom station
- Outdoor backup power solution for Smart city application

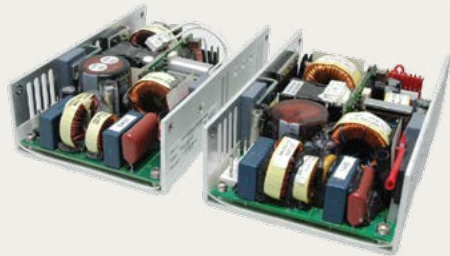


Open Frame Power Supply

AC/DC, DC/DC 30W-800W

Features

- Highest power density
- Small footprint - compatible with 1U enclosures
- High efficiency
- Current share operation- built-in o'ring diodes
- No minimum load requirements



PoE Injectors

DC/DC, AC/DC 30W-95W

Features

- High efficiency- free convection cooling
- Wide-range input voltage covering worldwide requirements for AC & DC input
- Meets FCC 15 & EN55022 class B requirements
- Operating temperature range standard -10° to +40°C or extended temperature -40° to +70°C with no derating
- CE, FCC, CB, UL
- AC models power saving level VI
- Option for easy installation on wall
- Compact size



DC-DC Converter

100W - 1000W

Features

- High efficiency 97%
- Parallel operating for higher power
- Ruggedized and reliable
- Fully sealed IP67
- 10-20VDC input voltage range.
- Output voltage 20-30VDC



Custom Solutions

DC/DC, AC/DC, DC-AC

The Advice professional R&D team can design tailor made solutions to your needs



Single output DC power supply For CCR with PFC

For Airfield runaway systems 12V/75W

Features

- For constant current source airfield standard supply system
- Build in power factor correction
- Auto restart while AC is recovering
- Input sine wave current (CCR)
- Fully protected for overload/short circuit, Overvoltage / Over-temperature
- Fully sealed unit IP68
- No external EMI filter needed



Planar Transformers

1W – 2200W

Features

- Planar Design
- High Efficiency
- Aggressive Interleave planar construction - lowest achievable Leakage Inductance
- Multilayer PCB optimization for lowest AC resistance and Proximity Effect
- Custom designs



UPS Systems

600VA-600KVA

- Line interactive UPS with 645 joule spike protection
- Tower & Rack one line UPS with wide input voltage and frequency tolerance
- Outdoor UPS-IP57
- -37°C - +74°C UPS solution
- 10KW-300KW
- Modular UPS for server room and data center
- Din Rail UPS
- Li on ups solution
- Long run ups
- DC ups
- International standards





International Standards



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