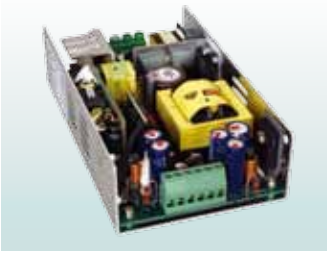
Power Supply

IEI power supply solutions are complete and flexible. Normal (PS2, 1U, 2U) or redundant form, close or open frame, DC or AC input, AT or ATX model, 10 to 600 watts or higher, all of these features are available within a reliable and highly efficient power solution.

IEI's embedded system power supply solution is efficient and stable. IEI also provides customized power supply services to meet your demands.

Selection

Open Frame
- Fanless Chassis



1U Series
- 1U Chassis

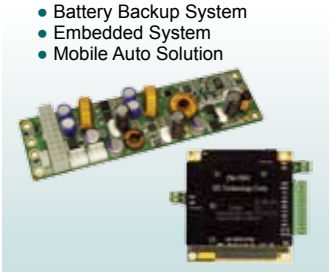
2U Series
- 1U ~ 2U Chassis

PS2 Series
- 2U ~ 4U Chassis

Redundant
- 2U ~ 4U Chassis

Adapter
- LCD Monitor
- AFL Series
- Embedded System

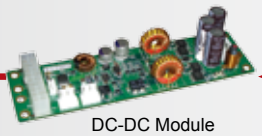
DC to DC Module
- Battery Backup System
- Embedded System
- Mobile Auto Solution



AC-DC Adapter

Type	Temperature
AC-DC Adapter	0°C ~ 40°C

Current



DC-DC Module

AC-DC Adapter

AC

Wide Temperature

0°C ~ 70°C

Item	Model	Watt	AC/DC
1U	ACE-717CX	170W	24 DC

Medical

Item	Model	Watt	AC/DC
PS/2	ACE-4840APM	400W	AC
	ACE-828M	280W	AC
1U	ACE-818APM	180W	AC
Open Frame	ACE-713APM	130W	AC
	ACE-706AM	60W	AC

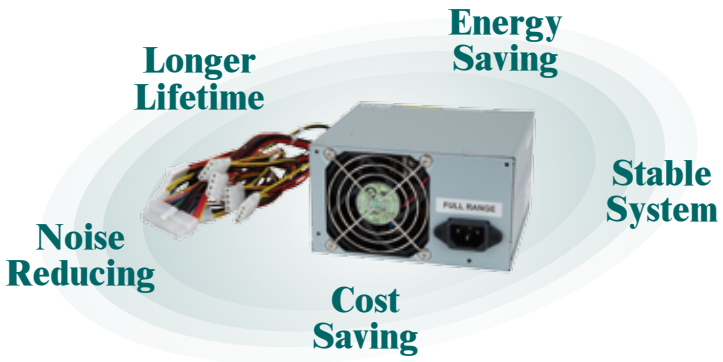
-20°C ~ 70°C

Item	Model	Watt	AC/DC
PS/2	ACE-A160A	600W	AC
	ACE-A140A	400W	AC
	ACE-A130B	300W	AC
	ACE-932A	300W	AC
	ACE-828A	280W	AC
	ACE-828M	280W	AC
	ACE-932T	300W	48 DC
1U	ACE-A225A	250W	AC
	ACE-716A	150W	AC
	ACE-716AP	150W	AC
	ACE-716C	150W	24 DC
2U	ACE-723T	200W	48 DC
Open Frame	ACE-713APM	130W	AC

80 PLUS & ErP

■ 80 PLUS

The 80 PLUS power supply saves energy and money to keep up with the latest market trends.



Efficiency Trend

Multiple output for computers and servers Eff. ≥ 80% at 20%, 50% and 100% of rated load PFC ≥ 0.9

	80 PLUS	80 PLUS BRONZE
20% (loading)	80%	82%
50% (loading)	80%	85%
100% (loading)	80%	82%

■ **Energy Saving**
A high efficiency power supply saves energy by reducing the amount of energy used during the current transferring process.

■ **System Reliability**
Reducing the heat output helps to lower the system temperature and increase system reliability.

■ **Cost Saving**
A high efficiency power supply reduces energy consumption, which means savings on your electric bills.

■ **Noise Reducing**
A high efficiency power supply can achieve a lower operating temperature. When the fan operates at a lower speed, it produces less noise.

■ **Longer Lifetime**
A high efficiency power supply can reduce heat generated inside the power supply and increase its operating hours.

■ ErP

ErP ➔ Energy-Related Products

These products are aimed at improving energy efficiency and reducing energy consumption.
Scope: Anything that is Class B EMC (Class A out of scope)

Power Supply

Off mode & Standby mode

Off mode	≤ 1.0 W
Standby mode	≤ 1.0 W

Adapter

Maximum Energy Consumption in No-Load Mode

Output power	AC-DC external power supplies, except low voltage external power supplies	Low voltage external power supplies
≤ 51W	0.30W	0.30W
Po > 51W	0.50W	N/A