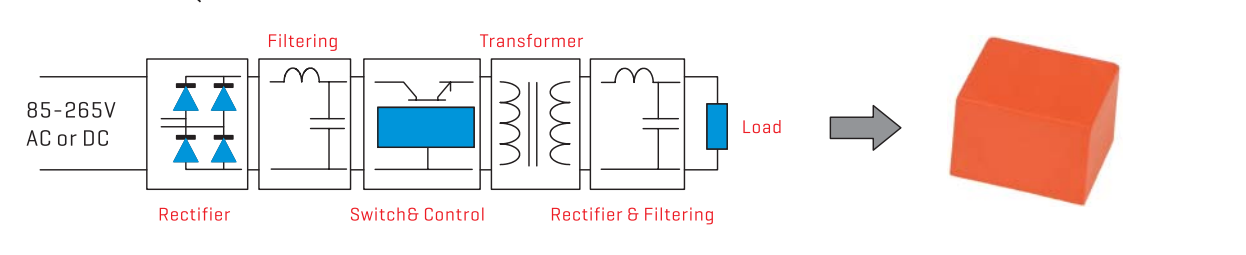


# POWER SUPPLIES 1W to 60W



Series ASQ1~5W,ASP7~60W



**FUAN encapsulated Switched Mode Power Supplies is based on Flyback topology.**

**They constitute an interesting alternative to the traditional supply in the most common applications of power from 1W to 60W.**

**ENERGY SAVING** due to high efficiency and low standby power.

**Application for our Power Supplies:**

- Alternative to the linear transformers in all AC/DC applications of power up to 60W
- Alternative to DC/DC converters for application in D.C. current (Telecom supplies, electric substations etc.)
- Industrial, domestic and consumer electronics applications
- Standby devices and others DC or AC auxiliary supplies

With the same footprint as an Ei30 transformer, they will replace:

- 50 Hz Transformer
- Fuse
- Bridge Rectifier
- Filtering Capacitor

Regulated types will also replace linear regulator and heatsink

**MAIN FEATURES**

- Wide input voltage range**
- Increased power: 3 x compared to standard EE20-EI30-EI38 transformers**
- Better energetic efficiency: 70% typical compared to 40% for the conventional supply**
- Very low Standby Power consumption: meets requirements of Energy Star or EC Code of Conduct**
- Same footprint as EE20-EI30-EI38-EI48 transformer: [1W~10W]**
- Upgrade your application without redesign of PCB**

**SAFETY STANDARDS**

- Meets all requirements of:
- EN 60950
  - EN 60335
  - EN 61558-2-16
  - EN 61558-1
  - UL 60950-1
  - CSA 22.2 N°60950-1
  - UL 94-V0

**EMC STANDARDS**

- Conducted and radiated emissions conform to
- EN 55014-1
  - EN 55032 class B
- Immunity conform to
- EN 55014-2
  - EN 61000-4-x

## SELECTION GUIDE FOR STANDARD MODLES

Part No.	Cross to Myrra	Output Power	Input Range	Output Parameters	Max.Ambient	Efficiency	Dimension [mm]
ASQ03020	48021	1W,2.5W,3W	85-265VAC	3.3V@300mA,750mA,830mA	80°C ,60°C ,50°C	60%,63%,63%	25.0x25.0x16.0
ASQ03021	48022	1W,2.5W,3W	85-265VAC	5V@200mA,500mA,600mA	80°C ,60°C ,50°C	60%,65%,65%	25.0x25.0x16.0
ASQ03022	48023	1W,2.5W,3W	85-265VAC	9V@110mA,280mA,330mA	80°C ,70°C ,60°C	67%,70%,70%	25.0x25.0x16.0
ASQ03023	48024	1W,2.5W,3W	85-265VAC	12V@84mA,210mA,250mA	80°C ,70°C ,60°C	67%,72%,72%	25.0x25.0x16.0
ASQ03024	48025	1W,2.5W,3W	85-265VAC	15V@67mA,170mA,200mA	80°C ,70°C ,60°C	67%,72%,72%	25.0x25.0x16.0
ASQ03025	48026	1W,2.5W,3W	85-265VAC	18V@56mA,140mA,170mA	80°C ,70°C ,60°C	67%,72%,72%	25.0x25.0x16.0
ASQ03026	48027	1W,2.5W,3W	85-265VAC	24V@42mA,105mA,125mA	80°C ,70°C ,60°C	70%,74%,74%	25.0x25.0x16.0
ASQ05020	47121 47151	2.5W,4.5W	85-265VAC	3.3V@750mA,1350mA	70°C ,50°C	65%	32.8x27.8x21.8
ASQ05021	47122 47152 47132 47162	2.5W,5W	85-265VAC	5V@500mA,900mA	70°C ,50°C	68%	32.8x27.8x21.8
ASQ05022	47123 47153 47133 47163	3.2W,5W	85-265VAC	9V@360mA,560mA	70°C ,50°C	73%	32.8x27.8x21.8
ASQ05023	47124 47154 47134 47164	3.2W,5W	85-265VAC	12V@270mA,420mA	70°C ,50°C	75%	32.8x27.8x21.8
ASQ05024	47125 47155	2.5W,5W	85-265VAC	15V@170mA,320mA	70°C ,50°C	75%	32.8x27.8x21.8
ASQ05025	47135 47165	3.2W,5W	85-265VAC	18V@180mA,280mA	70°C ,50°C	78%	32.8x27.8x21.8
ASQ05026	47126 47156 47136 47166	3.2W,5W	85-265VAC	24V@130mA,210mA	70°C ,50°C	80%	32.8x27.8x21.8
ASQ05027	47157	4.5W	85-265VAC	3.8V@1180mA	50°C	66%	32.8x27.8x21.8
ASP07200	47206	7.5W	85-265VAC	3.3V@2270mA	50°C	74%	41.0x35.0x21.5
ASP07201	47200	7.5W	85-265VAC	5V@1500mA	70°C	77%	41.0x35.0x21.5
ASP07202	47201	7.5W	85-265VAC	9V@830mA	70°C	80%	41.0x35.0x21.5
ASP07203	47202	7.5W	85-265VAC	12V@625mA	70°C	82%	41.0x35.0x21.5
ASP07204	47203	7.5W	85-265VAC	15V@500mA	70°C	82%	41.0x35.0x21.5
ASP07205	47204	7.5W	85-265VAC	18V@420mA	70°C	82%	41.0x35.0x21.5
ASP07206	47205	7.5W	85-265VAC	24V@310mA	70°C	82%	41.0x35.0x21.5
ASP10210	47216	10W	85-265VAC	3.3V@3000mA	50°C	72%	48.0x40.0x26.0
ASP10211	47210	10W	85-265VAC	5V@2000mA	60°C	74%	48.0x40.0x26.0
ASP10212	47211	10W	85-265VAC	9V@1100mA	60°C	80%	48.0x40.0x26.0
ASP10213	47212	10W	85-265VAC	12V@830mA	60°C	82%	48.0x40.0x26.0
ASP10214	47213	10W	85-265VAC	15V@560mA	60°C	82%	48.0x40.0x26.0
ASP10215	47214	10W	85-265VAC	18V@560mA	60°C	82%	48.0x40.0x26.0
ASP10216	47215	10W	85-265VAC	24V@420mA	60°C	82%	48.0x40.0x26.0



L.P.S I.T.E product