

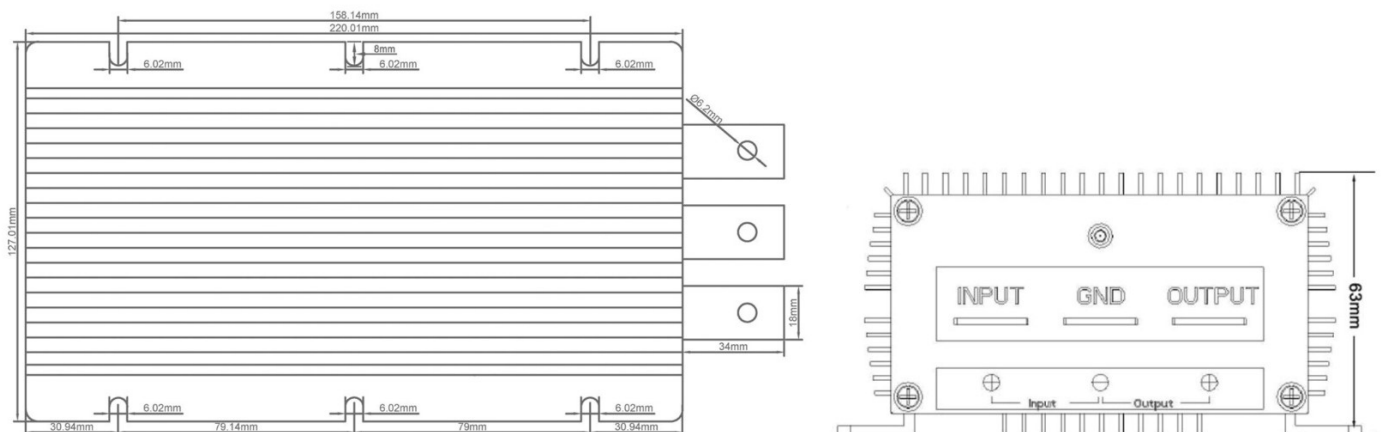
| Input voltage | Output voltage | Output current | Output power | Efficiency | Size             |
|---------------|----------------|----------------|--------------|------------|------------------|
| 10-16V DC     | 24V DC         | 40 Ampere      | 960 Watt     | 94%        | 220 x 127 x 63mm |



### Application areas:

- Industrial equipment
- Logistics equipment
- Motor vehicle
- Two-wheeler
- Photovoltaic
- Monitoring systems
- Electric motors
- Telecommunications
- Lighting systems
- Charging stations
- Mobile equipment
- Agricultural machinery
- Camping
- Watercraft
- Construction machinery

### Drawing:



**Specifications:**

| Model           | SPW-12V2440 (02-03-04)      |    |                                 |
|-----------------|-----------------------------|----|---------------------------------|
| Input           | Rated voltage               | V  | 12                              |
|                 | Voltage range               | V  | 10-16                           |
|                 | Efficiency (type)           | %  | 94% @ 12V in                    |
| Output          | Voltage                     | V  | 24                              |
|                 | Max. rated current          | A  | 40                              |
|                 | Max. rated power            | W  | 960                             |
|                 | Voltage regulation          | %  | ± 1                             |
|                 | Load control                | %  | 2                               |
|                 | no-load current             | mA | 25 (12V in)                     |
|                 | Residual ripple             | mV | 240 (full load)                 |
| Environment     | Working temperature         | °C | -30 ~ +80                       |
|                 | Humidity                    | RH | 10% ~ 90%                       |
|                 | Storage temperature         | °C | -40 ~ +100                      |
| Function        | Waterproofness              | IP | 68                              |
|                 | Galvanically separated      |    | NO                              |
|                 | Short-circuit protection    |    | NO                              |
|                 | Overload protection         | A  | 50-55                           |
|                 | Reverse polarity protection |    | NO                              |
|                 | Overheating protection      |    | YES                             |
|                 | Surge protection            |    | YES                             |
| Mechanical data | Weight                      | g  | 2350                            |
|                 | Size                        | mm | 220 x 127 x 63                  |
| Other           | Cooling                     |    | Air                             |
|                 | Packaging                   |    | Carton                          |
|                 | Operating instructions      |    | DE,EN,FR,PL,NL,IT,ES,SE,TR      |
|                 | Manufacturing               |    | ISO 9001:2015                   |
|                 | CE conformity               |    | EMC 2014/30/EU, RoHS 2011/65/EU |