

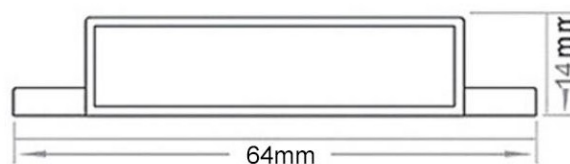
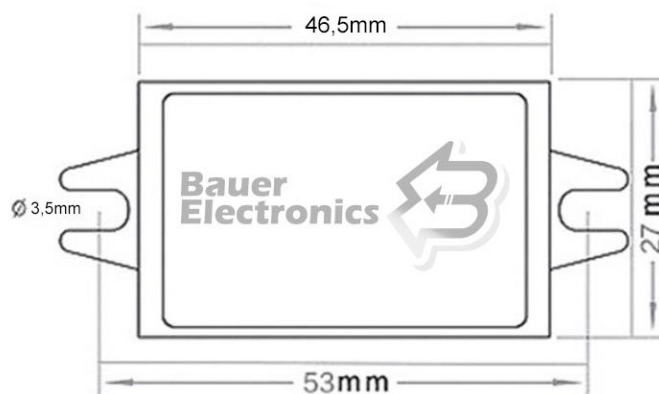
| Input voltage | Output voltage | Output current | Output power | Efficiency | Size           |
|---------------|----------------|----------------|--------------|------------|----------------|
| 8-32 VDC      | 5 VDC          | 3 Ampere       | 15 Watt      | 91%        | 64 x 27 x 14mm |



### 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-1224V0503TC (02-01-07)  |     |                                 |
|-----------------|-----------------------------|-----|---------------------------------|
| Input           | Rated voltage               | V   | 12/24                           |
|                 | Voltage range               | V   | 8-32                            |
|                 | Efficiency (type)           | %   | 91% @ 12V in; 90% @ 24V in      |
|                 | Positive line (red)         | AWG | 20 @ 16,5 cm                    |
|                 | Negative line (black)       | AWG | 20 @ 16,5 cm                    |
| Output          | Voltage                     | V   | 5                               |
|                 | Max. rated current          | A   | 3                               |
|                 | Max. rated power            | W   | 15                              |
|                 | Voltage regulation          | %   | ± 1                             |
|                 | Load control                | %   | 2                               |
|                 | no-load current             | mA  | 3 (12V in)                      |
|                 | Residual ripple             | mV  | 30                              |
|                 | USB Type-C                  | cm  | 50                              |
| Environment     | Working temperature         | °C  | -35 ~ +80                       |
|                 | Humidity                    | RH  | 10% ~ 90%                       |
|                 | Storage temperature         | °C  | -40 ~ +85                       |
| Function        | Waterproofness              | IP  | 68                              |
|                 | Galvanically separated      |     | NO                              |
|                 | Short-circuit protection    |     | YES                             |
|                 | Overload protection         |     | YES                             |
|                 | Reverse polarity protection |     | YES                             |
|                 | Overheating protection      |     | YES                             |
|                 | Surge protection            |     | YES                             |
| Mechanical data | Weight                      | g   | 41                              |
|                 | Size                        | mm  | 64 x 27 x 14                    |
| Other           | Cooling                     |     | Air                             |
|                 | Packaging                   |     | Anti-static                     |
|                 | 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 |