

| Input voltage | Output voltage | Output current | Output power | Efficiency | Size |
|---------------|----------------|----------------|--------------|------------|------------|
| 10-25V DC | 36V DC | 1 Amps | 36 Watts | 94% | 57*64*22mm |



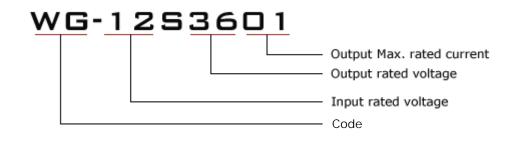
Features

- Design meeting RoHS / CE
- \bullet High efficiency: 94% (@ 12V input)
- Non-isolated between input and output
- Internal capacitor: NCC & NICHICON (high reliability)
- 100% full load burn-in test
- Over load, Over temperature and Over voltage protections
- Waterproof level IP68
- 1 Year warranty

Applications

- Trucks
- Forklifts
- Buses
- Logging Vehicles
- Electromotor
- Telecommunications
- Boat & Yacht
- LED Marketplaces and so on..

Model naming method



6)



Specifications

| Model | | WG-12S3601 | | |
|-------------|-----------------------------|------------|---------------------|--|
| Input | Rated voltage | V | 12 | |
| | Voltage range | V | 10-25 | |
| | Efficiency (type) | % | 94% @ 12V input | |
| | Positive cable (red) | AWG | 18 @ 16.5cm length | |
| | Negative cable (black) | AWG | 18 @ 16.5cm length | |
| Output | Voltage | V | 36 | |
| | Max. rated current | А | 1 | |
| | Max. rated power | W | 36 | |
| | Voltage regulation | % | ±1 | |
| | Load regulation | % | 2 | |
| | No load loss | mA | 50 @ 12V input | |
| | Ripple & noise | mV | 160 (full load) | |
| | Positive cable (yellow) | AWG | 18 @ 16.5cm length | |
| | Negative cable (black) | AWG | 18 @ 16.5cm length | |
| Environment | Working temperature | °c | -40 ~ +80 | |
| | Working humidity | RH | 10% ~ 90% | |
| | Storage temperature | °c | -40 ~ +100 | |
| Function | Short circuit protection | | NO | |
| | Over current protection | | YES | |
| | Waterproof | | IP68 | |
| | Over temperature protection | | YES | |
| | Over voltage protection | | YES | |
| Mechanical | Weight | g | 108 | |
| | Size | mm | 57*64*22 | |
| Other | Cooling | | Free air convection | |
| | Packaging | | White box | |



Dimension

