

| Input voltage | Output voltage | Output current | Output power | Efficiency | Size |
|---------------|----------------|----------------|--------------|------------|--------------|
| 10-16V DC | 24V DC | 30 Amps | 720 Watts | 95% | 150*127*63mm |



Features

- Design meeting RoHS / CE
- High efficiency: 95% (@ 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

WG-12S2430



Specifications

| Model | WG-12S2430 | | |
|-------------|-----------------------------|----|---------------------|
| Input | Rated voltage | V | 12 |
| | Voltage range | V | 10-16 |
| | Efficiency (type) | % | 95 @ 12Vin |
| Output | Voltage | V | 24 |
| | Max. rated current | A | 30 |
| | Max. rated power | W | 720 |
| | Voltage regulation | % | ±1 |
| | Load regulation | % | 2 |
| | No load loss | mA | 70 @ 12Vin |
| | Ripple & noise | mV | 240 (full load) |
| 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 | 1500 |
| | Size | mm | 150*127*63 |
| Other | Cooling | | Free air convection |
| | Packaging | | Brown box |

Dimension

