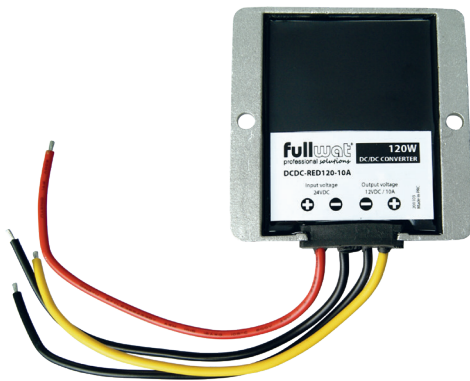


## DCDC-RED120-10A

**120W** high-performance switching buck module

### Features

- Design meeting RoHS / CE.
- High efficiency: 97% (@ 24V input).
- Non-isolated between input and output.
- Internal capacitor: NCC & NICHICON (high reliability).
- 100% full load burn-in test.
- Over voltage, Over load, Over temperature protections.
- Waterproof level IP67 .
- 1 year warranty.



### Applications

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

### Specifications

Model No.	DCDC12-EL360-15A		
Input	Rated voltage	V	24
	Voltage range	V	18-36
	Efficiency (type)	%	97%@24V input
	Positive cable (red)	AWG	16@16.5cm length
	Negative cable (black)	AWG	16 @ 16.5cm length
Output	Voltage	V	12
	Max. rated current	A	10
	Max. rated power	W	120
	Voltage regulation	%	±1
	Load regulation	%	2
	No load loss	W	0.5
	Ripple & noise	mV	100
	Positive cable (yellow)	AWG	16 @ 16.5cm length
	Negative cable (black)	AWG	16 @ 16.5cm length

## DCDC-RED120-10A

**120W** high-performance switching buck module

### Specifications

Model No.	DCDC12-EL360-15A		
Environment	Working temperature	°C	-35~+80
	Working humidity	RH	10%~90%
	Storage temperature	°C	-40~+85
Function	Short circuit protection		YES
	Over load protection		YES
	Waterproof		IP67
	Over temperature protection		YES
	Over voltage protection		YES
Mechanical	Weight	g	265
	Size	mm	74*74*32
Other	Cooling		Free air convection
	Packaging		White box

### Dimensions

Shell installation diagram

Thickness: 32mm

