

DCDC-RED207-15A / DCDC-RED276-20A / DCDC-RED345-25A
207W / 276W / 345W high-performance switching buck module

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.
- Short circuit, 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

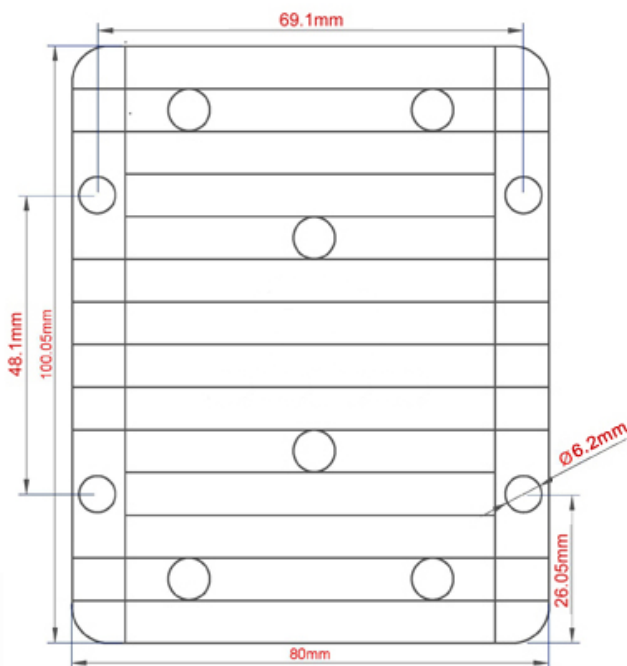
Model No.			DCDC-RED207-15A	DCDC-RED276-20A	DCDC-RED345-25A
Input	Rated voltage	V	12/24		
	Voltage range	V	8-36		
	Efficiency (type)	%	95% @ 12V input		
	Positive cable (red)	AWG	10 @ 16cm length		
	Negative cable (black)	AWG	16 @ 16.5cm length		
Output	Voltage	V	13.8		
	Max. rated current	A	15	20	25
	Max. rated power	W	207	276	345
	Voltage regulation	%	±1		
	Load regulation	%	2		
	No load loss	W	60		
	Ripple & noise	mV	170		
	Positive cable (yellow)	AWG	12 @ 16cm length		
	Negative cable (black)	AWG	12 @ 16cm length		

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Environment	Working temperature	°C	-35 ~ +80		
	Working humidity	RH	10% ~ 90%		
	Storage temperature	°C	-50 ~ +125		
Function	Short circuit protection		YES		
	Over load protection		YES		
	Waterproof		IP67		
	Over temperature protection		YES		
	Over voltage protection		YES		
Mechanical	Weight	g	480	480	500
	Size	mm	100*80*39		
Other	Cooling		Free air convection		
	Packaging		White box		

Dimensions



Shell installation diagram

Thickness: 39mm

