



DC-DC Converter

Specification

Model No.: IBT-YK24V195V

Input voltage	Output voltage	Output current	Efficiency	Size
24V DC	19.5VDC	20 Amps	94%	74*74*32mm



Features

- Design meeting RoHS / CE
- High efficiency: 94%
- 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 IP68
- 1 Year warranty

Applications

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

Working schematic





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	Voltage range	V	23-35
	Efficiency (type)	%	94
	Positive cable (red)	Length	13-15cm length
	Negative cable (black)	Length	13-15cm length
Output	Voltage	V	19.5
	Max. rated current	A	20
	Max. rated power	W	390
	Voltage regulation	%	±1
	Load regulation	%	±2
	Ripple & noise	mV	< 150 (full load)
	Positive cable (yellow)	Length	13-15cm length
	Negative cable (black)	Length	13-15cm length
Environment	Working temperature	°c	-40 ~ +80
	Working humidity	RH	10% ~ 90%
	Storage temperature	°c	-40 ~ +100
Function	Short circuit protection		YES
	Waterproof		IP68
	Over temperature protection		YES
	Over voltage protection		YES
Mechanical	Weight	g	260
	Size	mm	74*74*32
Other	Cooling		Free air convection
	Packaging		Anti-static bag/White box



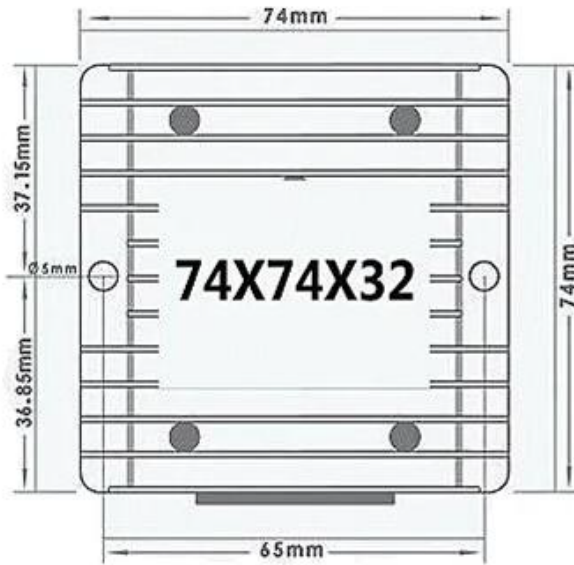
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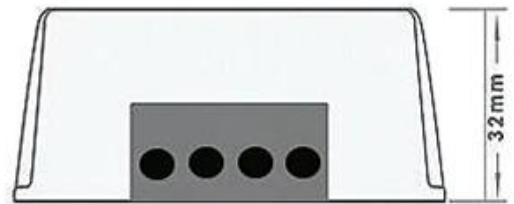
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Dimension



Front

长(L): 74mm
宽(W): 74mm
高(H): 32mm
Mounting hole distance: 65mm
Mounting hole size: 5mm



Inside

