

Input voltage	Output voltage	Output current	Output power	Efficiency	Size
10-16V DC	28V DC	20 Amps	560 Watts	96%	150*127*63mm



Features

- Design meeting RoHS / CE
- High efficiency: 96% (@ 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-12S2820

WG: Code

12 : Input rated voltage

S : Single output type

28 : Output voltage

20 : Output current

Specifications

Model	WG-12S2820		
Input	Rated voltage	V	12
	Voltage range	V	10-16
	Efficiency (type)	%	96 @ 12Vin
Output	Voltage	V	28
	Max. rated current	A	20
	Max. rated power	W	560
	Voltage regulation	%	±1
	Load regulation	%	2
	No load loss	mA	60 @ 12Vin
	Ripple & noise	mV	200 (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	A	@ 16-17A
	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

