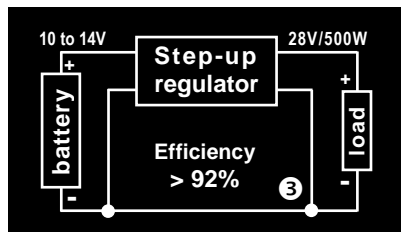


**ELECDAN Converter** **STEP-UP VOLTAGE REGULATOR** SKU: SUR-1014-2818-1 (or 2 or 3 or 4)

[www.elecdan-converter.com](http://www.elecdan-converter.com)

PDF file	Voltages		Outputs		Efficiency	Max leakage	Thermal curves §13, PDF file No.	Cooling specificity of each model / case and volume (cm <sup>3</sup> ) connector excluded	Photo No.	Cases § 11 PDF file No.	Availability	Delivery time	Pre-tax price (€)	
	In	Out	Current	Power									1 unit	10 units
§1 to 15	10 to 14V	28V	18A	500W	> 0,92	40W	1	dynamic dissipation (250)	1	1				
							2	independent passive dissipation (100)	2	2				
							3	standard passive dissipation (500)	3	3				
							4	reinforced passive dissipation (1000)	4	4				

Able to generate a stabilized 28V / 500W from a battery of charging voltage 24V, this step-up regulator can advantageously replace conventional dc/dc converters (with much higher efficiency) when input/output insulation is not required.



- Transforms a 12V battery into a powerful stabilized generator 28V / 500W
- High efficiency allowing reduced dimensions and low weights
- Four presentations (100cm<sup>3</sup> to 1000cm<sup>3</sup>) to offer various thermal options
- Scalable cooling options, to push back the thermal limits
- Wire loss reduction, in case of remote mounting (connections ≤ 72mm<sup>2</sup>)
- Neutralized vibrations + tropicalisation + sealing: IP63 / IP67 casting

Detailed sections	§
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standards & specific.	9
height x width x depth (mm) / weight	
1 or 2 mounting possibilities	

Case ①	Case ②	Case ③	Case ④
			as case ③ but with dissipator measuring 225mm (instead of 112mm)
96 x 64 x 61 / 380g	92 x 64 x 40 / 290g	112.6 x 120 x 47 / 700g	225.2 x 120 x 47 / 1150g
Clip & 2 screws	2 screws	Clip & 2 screws	Clip & 2 screws

Temperatures	without derating	- 30°C to + 50°C	to be cooled	- 40°C to + 30°C	- 40°C to + 50°C
		with derating storage	- 30°C to + 70°C		- 40°C to + 90°C