

# DC-DC POWER CONVERTER



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	The DC/DC converter NE325 is suitable for recharging the auxiliary battery with the alternator. The alternators of Euro 6 engines often provide a charge voltage that is too low and therefore a DC/DC converter is required to charge the auxiliary battery with the vehicle running. In the case of lithium batteries, which have very low internal resistance, the DC/DC is instead necessary to limit the charging current of the alternator and therefore to protect the system from overheating or damage.	
<b>MODEL:</b>	<b>NE325 25A</b>	<b>NE325 40A</b>

TECHNICAL CHARACTERISTICS:		
Input voltage:	11Vdc - 15Vdc	
Maximum current input:	37A	48A
Voltage output:	13,5Vdc - 14,7Vdc	
Maximum current output:	<b>25A</b>	<b>40A</b>
Battery type:	lead acid - gel - AGM - LiFePO4	
Setting of the charging curve :	4 charging profile	
Fan with modulated speed:	no	yes
Visual indicator:	three colour LED	
Lin-Bus Communication:	yes	
Compensation charge voltage with temperature battery:	available (if NTC is connected, optional not included)	
Protection:	IP20	
Dimension: ( L x P x H mm)	167 x 170 x 73	
Weight	1,5Kg	

CONNECTIONS:	
Input/Output Battery:	M5 screw
NTC, D+, LIN Input	Connector 4-way MOLEX MINI-FIT JR female with male terminal

PROTECTION:		
Input:	Reverse polarity	yes
Output:	Reverse polarity	yes
	Short circuit	yes
	Overloading	yes
	Output Over-Voltage	yes
	Over-Temperature battery charger	yes
	Over-Temperature battery	available (if NTC is connected, optional not included)

