

# GVD-510

Natural Cooling DCDC Converter



HIGH  
EFFICIENCY



CLEAN  
ENERGY



ECO-FRIENDLY  
TECHNOLOGY



IP67



ONLINE YAZILIM GÜNCELLEME

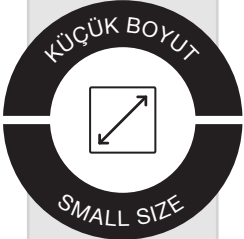
ONLINE SOFTWARE UPDATE



ISO26262

ISO

ISO26262



KÜÇÜK BOYUT



SMALL SIZE



2 YIL GARANTİLİ



2 YEARS WARRANTY



The power module adopts integral heat dissipation, which can improve the radiating condition of the whole machine, and can also be assembled into the customer radiator to strengthen the heat dissipation. The power module has the characteristics of small size, light weight, large power density and high conversion efficiency of the whole machine.

## Product Features

- ✓ Monitoring program based on module self diagnosis and CAN communication, get the module's status in real time and record the module's historical operation data
- ✓ Program online upgrade function, convenient for customers to conduct online debugging and update program in real-time
- ✓ The high voltage and low voltage side pre-charge circuit (INVT patent)
- ✓ The whole machine meets the requirements of ISO26262 automotive safety ASIL C requirement
- ✓ Small size, light weight and space saving
- ✓ Online self diagnostic function, convenient for system maintenance

**NECRON**  
energy



Technical Specifications	GVD510 Natural Cooling DCDC Converter			
Models	GVD510 - 22M2N	GVD510 - 11M2N	GVD510 - 22L1R2N	GVD510 - 11L1R2N
<b>INPUT</b>				
Input Voltage	400 ~ 720 VDC	200 ~ 480 VDC	300 ~ 750 VDC	200 ~ 450 VDC
<b>OUTPUT CHARACTERISTIC</b>				
Output Voltage Range	20 ~ 30 VDC		9 ~ 16 VDC	
Rated Output Power	2 kW		1.2 kW	
Rated Output Current	70 A		85 A	
<b>OTHERS</b>				
Cooling Method	Natural Cooling			
Protection Function	Input over/undervoltage protection, output over-voltage, over-current, short-circuit protection, input anti reverse protection, output anti reverse protection, output protection against flow, temperature intelligent derating, the whole machine over temperature protection, etc.			
Working Temperature	-40°C~+75°C			
IP Protection Level	IP67			
Weight	6kg			
Outline Size (WxDxH) [mm]	188x262x92 / 203x262x112			

