



- The DC/DC converter from the veT line is a robust battery charger with isolated output. This versatile charger is designed for harsh automotive environments providing years of reliable service.
- The veT line has high efficiency and low weight in its base design
- Parallel scalable to 5.3kW / 10.6kW / 15.9kW
- DSP based digital power control system
- Conector HV tipo x, HL type
- Circular control connector with DI, DO and CAN or RS485
- Operates at inlet temperature at 60°C without capacity reduction
- IP67 degree of protection
- Liquid cooling

INPUT SPECIFICATIONS

Input Voltage	550-750 VDC
Current	10A
Typical Efficiency	~92%

MECHANICS

Degree of Protection	IP67
Operation Temperature	0 to +75°C Inlet liquid temperature 60/40 glycol/water mixture
Over-temperature protection	75°C Internal Temperature
Refrigeration	Liquid cooling 7 liters/min
EMC	Designed to meet class B and EN55022 emissions

OUTPUT SPECIFICATIONS

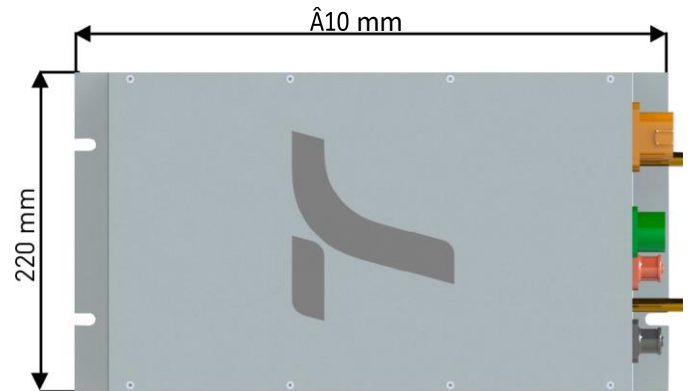
Power	5.3kW at 26.4V DC and 200A
Output Voltage	21.5-26.4 Vdc
Current	200A
Current Ripple	<2% below 15KHz
Stability	+/-5%
Over current	110% Limitation
Over Voltage	120% Limit
Over Power	115% Limit

ADDITIONAL INFORMATION

1 Year Warranty
Developed and manufactured in Brazil
Local technical assistance
Communication CAN
Compact size and weight of approximately 15kg

MECHANICAL SPECIFICATIONS

Dimensions	410x220x191 mm
Weight	15kg
Operating Temperature	+60°C
Degree of Protection	IP67
Assembly	C/ Parafusos M6 qtd 4
Refrigerant Pipe Diameter	9,55 mm (diâmetros)



ELECTRICAL SPECIFICATIONS

Continuous output power	5.3kW
Input Voltage	550-750Vdc
Output Voltage	26.4Vdc
Output Current	200A
Efficiency	~92%



CONNECTOR SPECIFICATIONS

1 Control	Signal/COM
2 DC input	EV/HEV-4PER
3 DC POS output	C10-738726/C10-738728
4 NEG DC output	C10-738726/C10-738728
5 Refrigeration	Input
6 Refrigeration	Output
6 Fixings	M6 screws