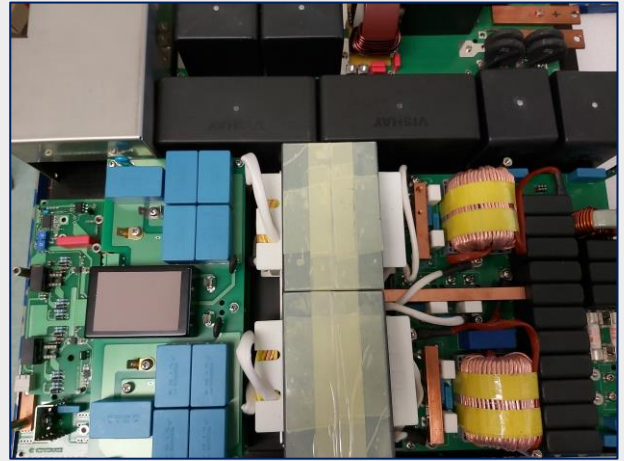


## DCDC-converter 20kW



### Technical Data

<b>Input</b>			
Input voltage	250-900Vdc		
Input current	80Adc		
efficiency	92.5%		
Inrush current	<250Adc		
<b>Output</b>			
Output voltage	300-800Vdc		
Output current	@300V-50A	@600V-33A	@800V-25A
Output power	15kW	20kW	20kW
Charge profile	1 U		
Initial tolerance U, I	0,5%		
Voltage accuracy	0,5%		
Dynamic load regulation	12V ca. 1,5%		
Transient time	Max. 2ms up to initial tolerance		
Ripple and noise	<0,5%		
Static line regulation	0,5%		
Static load regulation	0,5%		
<b>Safety</b>			
Protection class	1		
Protection category	IP00		
Isolating voltage (I/O)	4000V		
Isolating voltage (I/FG ; O/FG)	2400Vac		
Input filter	According EN55011A		
Short circuit protection	continuous		
<b>General specification</b>			
Operating temperature range	0-50°C		
Storage temperature range	-20°C--+50°C (10-95% RH)		
dimensions	500x430x(100+heat sink)mm <sup>3</sup>		
cooling	Heat sink or water cooled plate		
interface	RS232 or CAN-bus		