



## ACDC-power supply 17kW (SiCMOS)

### Technical Data

Input		
Input voltage	400Vac 3phase	
Input current	32Aac	
efficiency	92.5%	
Inrush current	<250Adc	
Output		
Output voltage	50Vdc	
Output current	280A	340A
Output power	14W	17kW
Charge profile	I U	
Initial tolerance U, I	0,5%	
Voltage accuracy	0,5%	
Dynamic load regulation	4V 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%	
Safety		
Protection class	I	
Protection category	IP00	
Isolating voltage (I/O)	4000V	
Isolating voltage (I/FG ; O/FG)	2400Vac	
Input filter	According EN50022A	
Short circuit protection	continuous	
General specification		
Operating temperature range	0-50°C	
Storage temperature range	-20°C-+50°C (10-95% RH)	
dimensions	540x400x150mm <sup>3</sup>	
cooling	Heat sink	water cooled plate
connectable	parallel	
interface	RS232 or CAN-bus	

**DEFtron electronic GmbH**  
**Philipp-Reis-Strasse 5**  
**D-35321 Laubach, Germany**  
**Tel.: +49 6405 50580-0**  
**Fax.: +49 6405 3763**  
**info@deftron.de**  
**www.deftron.de**