



**REC-MAK Series Rectifier Solutions 50V – 3900A** <http://www.mak-powersis.de/50-v-rectifier.html>

<b>Input</b>	Power kVA	224.25kVA Max
	Voltage	400VAC - 50Hz 3 Phase + N
	Current	327.8A (Phase)
	Harmonics	>%5

<b>Output</b>	Power kVA	195kW
	Voltage	50V DC (0.1V Adjust)
	Current	3900A
	Efficiency	Minimum %85
	Ripple	<%4 (Optional Less)

<b>Control</b>	Technologie	Thyristor Technology
	CPU	Micro Controller Texas Instruments
	Pulse	12 Pulse or ( Switch Mode Optional )

<b>GENERAL</b>	Color	RAL7032
	Transformer	Copper
	Timer	Exists Adjustable Working Time
	External Stop	Standard
	Input Protection	Thermionic Magnetic Circuit Breaker
	Over Current Protection	MCCB & Software
	Parallel Operation	Optional
	Dry Contacts	Optional
	Cooling Type	Air Cooled or Oil Cooled (Optional)
	Remote Controller	50 Meter (Optional)
	Communication	RS232, RS485, MODBUS (Optional)
	Working Temperature	0C / +40C Celcius
	Protection Additional	Standard Information
	Over Current Protection	Via Software
	Voice (1m)	<65Db
	LCD	LCD Screen with buttons
	Cooling Power	Max 43000
	Standard Protection	EN 62040-1
Standard EMC	EN 62040-2	
Working Altitude	2200 Meter	

<b>Chassis</b>	Width mm	2500
	Depth mm	1500
	Height mm	1750
	Weight kg	3610Kg
	Protection Class	IP20 or optional IP21, IP22, IP42, IP55