



## TC-MAK Series Thyristor Controlled Charger 48V – 80A

<http://www.mak-powersis.de/48v-80a-battery-charger.html>

<b>Input</b>	Power kVA	4.16kVA	
	Voltage	400VAC Default ( 230V – 380V – 415V - 480V AC ) 50Hz – 60Hz	3
	Current	6.38A (Phase)	
	Harmonics	<%7	

<b>Output</b>	Power kVA	3.84kW
	Voltage	48VDC
	Current	600A Max ( Automatically by Controlling Battery Condition )
	Efficiency	Minimum %85
	Ripple	<%4 (Optional Less)

<b>Control</b>	Technologie	Thyristor Technology
	CPU	Micro Controller Texas Instruments
	Pulse	12 Pulse

<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
	Remote Controller	50 Meter (Optional)
	Communication	SNMP, RS232, RS485, USB, MODBUS (Optional)
	Working Temperature	0C / +40C Celcius – Batterien 0C – 25C
	Protection Additional	Standard Information
	Over Current Protection	Via Software
	Voice (1m)	<65Db
	LCD	LCD Screen with buttons

<b>Chassis</b>	Width mm	993
	Depth mm	655
	Height mm	1258
	Weight kg	134
	Protection Class	IP21