



**SC-MAK Series Switch Mode Controlled Charger 12V – 600A**  
<http://www.mak-powersis.de/12v-600a-battery-charger.html>

<b>Input</b>	Power kVA	8.28kVA	
	Voltage	400VAC Default ( 230V – 380V – 415V - 480V AC ) 50Hz – 60Hz	3
	Current	0.12 A	
	Harmonics	<%4	

<b>Output</b>	Power kVA	7.07kW	
	Voltage	12VDC	
	Current	600A Max ( Automatically by Controlling Battery Condition )	
	Efficiency	Minimum %92	
	Ripple	<%2 (Optional Less)	

<b>Control</b>	Technologie	Thyristor Technology	
	CPU	Micro Controller Texas Instruments	
	Pulse	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	
	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	700	
	Depth mm	550	
	Height mm	980	
	Weight kg	138	
	Protection Class	IP21	