



## SC-MAK Series Switch Mode Controlled Charger 24V – 600A “

<http://www.mak-powersis.de/24v-600a-battery-charger.html>”

|              |           |   |             |
|--------------|-----------|---|-------------|
| <b>Input</b> | Power kVA | 16.56kVA  |             |
|              | Voltage   | 400VAC Default ( 230V – 380V – 415V - 480V AC ) | 50Hz – 60Hz |
|              | Current   | 23.93A (Phase)                                  | 3           |
|              | Harmonics | <%4   |             |

|               |            |   |
|---------------|------------|---|
| <b>Output</b> | Power kVA  | 14.4kW  |
|               | Voltage    | 24VDC   |
|               | Current    | 300A 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                    |
|                | Cooling Power           | Max 43000                                  |

|                |                  |       |
|----------------|------------------|-------|
| <b>Chassis</b> | Width mm         | 600   |
|                | Depth mm         | 400   |
|                | Height mm        | 1500  |
|                | Weight kg        | 295kg |
|                | Protection Class | IP21  |