

| Name | SMG100 | | | | | | | | | SMG200 | | | | | |
|---|---|---------|----------|----------|----------|----------|----------|----------|---------|--|----------|----------|----------|----------|--|
| | 12/12 | 12/24 | 24/12 | 24/24 | 24/48 | 48/12 | 48/24 | 48/48 | 12/12 | 12/24 | 24/12 | 24/24 | 24/48 | 48/12 | |
| Model | 12/12 | 12/24 | 24/12 | 24/24 | 24/48 | 48/12 | 48/24 | 48/48 | 12/12 | 12/24 | 24/12 | 24/24 | 24/48 | 48/12 | |
| Article no. | | | | | | | | | | | | | | | |
| Converter type | galvanic insulation and voltage stabilizing | | | | | | | | | galvanic isolation and voltage stabilizing | | | | | |
| Input | | | | | | | | | | | | | | | |
| Nominal input voltage | 12V | 12V | 24V | 24V | 24V | 48V | 48V | 48V | 12V | 12V | 24V | 24V | 24V | 48V | |
| Input range, full output specifications | 9V..18V | 9V..18V | 20V..35V | 20V..35V | 20V..35V | 30V..60V | 30V..60V | 30V..60V | 9V..18V | 9V..18V | 20V..35V | 20V..35V | 20V..35V | 30V..60V | |
| Input range, no defects | 0V..20V | 0V..20V | 0V..35V | 0V..35V | 0V..35V | 0V..60V | 0V..60V | 0V..60V | 0V..20V | 0V..20V | 0V..35V | 0V..35V | 0V..35V | 0V..60V | |
| Output | | | | | | | | | | | | | | | |
| Nominal output voltage | 12.5V | 24.5V | 12.5V | 24.5V | 48V | 12.5V | 24.5V | 48V | 12.5V | 24.5V | 12.5V | 24.5V | 48V | 12.5V | |
| Voltage adjustment | | | | | | | | | | | | | | | |
| Stabilized | yes | | | | | | | | | | | | | | |
| Output voltage ripple, peakpeak | 1% | | | | | | | | | | | | | | |
| Maximum output power | 200W | | | | | | | | | | | | | | |
| Continue output power | 100W | | | | | | | | | | | | | | |
| Maximum output current | 16A | 8A | 16A | 8A | 4A | 16A | 8A | 4A | 16A | 8A | 16A | 8A | 4A | 16A | |
| Continue output current | 8A | 4A | 8A | 4A | 2A | 8A | 8A | 4A | 16A | 8A | 16A | 8A | 4A | 16A | |
| Continue output current at 40°C | 8A | 4A | 8A | 4A | 2A | 8A | 8A | 4A | 16A | 8A | 16A | 8A | 4A | 16A | |
| General | | | | | | | | | | | | | | | |
| Efficiency | +/- 87% | | | | | | | | | | | | | | |
| No load consumption | +/- 25mA | | | | | | | | | | | | | | |
| Ambient operating temperature | -10°C .. +40°C, de-rating to 60°C | | | | | | | | | | | | | | |
| Storage temperature | -25°C .. +85°C | | | | | | | | | | | | | | |
| Operating humidity | 95% max, non-condensing | | | | | | | | | | | | | | |
| Galvanic insulation | yes | | | | | | | | | | | | | | |
| Cooling fan | No | | | | | | | | | | | | | | |
| Protections | | | | | | | | | | | | | | | |
| Overcurrent / short circuit | limited by current sensing circuit to I-max | | | | | | | | | | | | | | |
| Over heat | yes | | | | | | | | | | | | | | |
| Features | | | | | | | | | | | | | | | |
| Microprocessor controlled | yes | | | | | | | | | | | | | | |
| undervoltage | yes | | | | | | | | | | | | | | |
| overvoltage | yes | | | | | | | | | | | | | | |
| 3 stage charger | yes with charger software | | | | | | | | | | | | | | |
| Programmable | yes | | | | | | | | | | | | | | |
| Smart undervoltage detection | Yes with charger software | | | | | | | | | | | | | | |
| lithium ion charger | Yes with ion charger software | | | | | | | | | | | | | | |
| Mechanical | | | | | | | | | | | | | | | |
| Connection input/output | Faston 6,3mm | | | | | | | | | | | | | | |
| Dimensions (H*W*D) | 50*151*88mm | | | | | | | | | | | | | | |
| Mounting holes | dia 4mm 58*143mm | | | | | | | | | | | | | | |
| Weight | 0,51Kg | | | | | | | | | | | | | | |
| cabinet | anodized aluminium black, ABS Blend end | | | | | | | | | | | | | | |
| Color | Black | | | | | | | | | | | | | | |

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| Name | SMG360 | | | | | | | | | |
|---|---|----------|---------|---------|----------|----------|----------|----------|----------|----------|
| | 48/24 | 48/48 | 12/12 | 12/24 | 24/12 | 24/24 | 24/48 | 48/12 | 48/24 | 48/48 |
| Model | 48/24 | 48/48 | 12/12 | 12/24 | 24/12 | 24/24 | 24/48 | 48/12 | 48/24 | 48/48 |
| Article no. | | | | | | | | | | |
| Converter type | galvanic isolation and voltage stabilizing | | | | | | | | | |
| Input | | | | | | | | | | |
| Nominal input voltage | 48V | 48V | 12V | 12V | 24V | 24V | 24V | 48V | 48V | 48V |
| Input range, full output specifications | 30V..60V | 30V..60V | 9V..18V | 9V..18V | 20V..35V | 20V..35V | 20V..35V | 30V..60V | 30V..60V | 30V..60V |
| Input range, no defects | 0V..60V | 0V..60V | 0V..20V | 0V..20V | 0V..35V | 0V..35V | 0V..35V | 0V..60V | 0V..60V | 0V..60V |
| Output | | | | | | | | | | |
| Nominal output voltage | 24.5V | 48V | 12.5V | 24.5V | 12.5V | 24.5V | 48V | 12.5V | 24.5V | 48V |
| Voltage adjustment | | | | | | | yes | | | |
| Stabilized | | | | | | | 1% | | | |
| Output voltage ripple, peakpeak | | | | | | | 1% | | | |
| Maximum output power | | | | | | | 360W | | | |
| Continue output power | | | | | | | 360W | | | |
| Maximum output current | 8A | 4A | 30A | 15A | 30A | 15A | 8A | 30A | 15A | 8A |
| Continue output current | 8A | 4A | 30A | 15A | 30A | 15A | 8A | 30A | 15A | 8A |
| Continue output current at 40°C | 8A | 4A | 30A | 15A | 30A | 15A | 8A | 30A | 15A | 8A |
| General | | | | | | | | | | |
| Efficiency | +/- 87% | | | | | | | | | |
| No load consumption | +/- 25mA | | | | | | | | | |
| Ambient operating temperature | -10°C .. +40°C, de-rating to 60°C | | | | | | | | | |
| Storage temperature | -25°C .. +85°C | | | | | | | | | |
| Operating humidity | 95% max, non-condensing | | | | | | | | | |
| Galvanic insulation | yes | | | | | | | | | |
| Cooling fan | Yes | | | | | | | | | |
| Protections | | | | | | | | | | |
| Overcurrent / short circuit | limited by current sensing circuit to I-max | | | | | | | | | |
| Over heat | yes | | | | | | | | | |
| Features | | | | | | | | | | |
| Microprocessor controlled | yes | | | | | | | | | |
| undervoltage | yes | | | | | | | | | |
| overvoltage | yes | | | | | | | | | |
| 3 stage charger | yes with charger software | | | | | | | | | |
| Programmable | yes | | | | | | | | | |
| Smart undervoltage detection | Yes with charger software | | | | | | | | | |
| lithium ion charger | Yes with ion charger software | | | | | | | | | |
| Mechanical | | | | | | | | | | |
| Connection input/output | Faston 6,3mm | | | | | | | | | |
| Dimensions (H*W*D) | 83*190*133mm | | | | | | | | | |
| Mounting holes | dia 4mm 91*182mm | | | | | | | | | |
| Weight | 1,37Kg | | | | | | | | | |
| cabinet | anodized aluminium blanc, ABS Blend end cover | | | | | | | | | |
| Color | Black | | | | | | | | | |



SMG100

SMG200



SMG360

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