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Model SG5K-B, SG6K-B



| Model SG5K-B, SG6K-B | |
|---|-----------------------------------|
| Parameter | Value |
| Isolation type | Transformer |
| Recommended maximum power of PV array | 5500WP/6600WP |
| Maximum array open-circuit voltage | 780Vdc |
| Maximum power point (MPPT) scope of PV | 300~650Vdc / 320~650Vdc |
| Type of connection type between inverter & PV array | Water-proof direct-plug terminals |
| Number of parallel PV array strings that can be connected to the inverter | 4 |
| Maximum array input current | 20A |
| Rated AC output power | 5.000W / 6.000W |
| Current THD | <3% (at nominal power) |
| Power factor | >0.99 (at nominal power) |
| Maximum efficiency | 94% |
| European efficiency | 93% |
| Nominal grid voltage | 180~260VAC |
| Nominal grid frequency | 50 & 60 Hz |
| Power consumption idle mode (f.e. during the night) | <0.5W |
| Communication interface | RS-485, optional ethernet/GPRS |
| Protection class | IP65 (outdoor) |
| Operating temperature | -25°C ~ +60°C |
| Noise | <40dB |
| Cooling | Forced air cooling |
| Size (W x H x D) | 410 x 580 x 283 mm |
| Weight | 65 kg |