


Solar Power System



| Name | | IV-SPK Solar Power System | |
|----------------------------|-------------------------------|--|--|
| Model | | IV-SPK55 | IV-SPK96 |
| Appearance | |  | |
| Solar Panel Modules in Kit | | Default: 1 units; Optional: 2 units | |
| Charge | PV Power | 100W | |
| | PV Input Voltage | 18V | |
| | Material | Monocrystalline silicon | |
| Energy Storage | Battery Type | NMC | |
| | Battery Capacity | 50AH | 90AH |
| | Total Energy | 555Wh | 962Wh |
| | Battery Life | 9 days (without data transmission), 6 days (with data transmission) | 17 days (without data transmission), 11 days (with data transmission) |
| | Deep Cycles | > 1000 | |
| | Nominal Voltage | 11.1V | |
| | Working Voltage Range | 9~12.4V DC | 9.6~12.6V DC |
| Discharge | Output Voltage | 9~12.6V DC | 11.1~12.6V DC |
| | Maximum Output Current | 10A | |
| | Discharge Depth | 95%DOD | |
| Function | Communication | RS485 | |
| | Battery Heating | Charging current > 2A and lower than -5°C turns on | |
| | Protection Type | Overcurrent/ Overvoltage/ Short Circuit/ Undervoltage/ Temperature | |
| | Charging Temperature Range | 0°C~60°C | |
| | Discharging Temperature Range | -20°C~65°C | |
| | Status Indicator | LED (charging status, battery status, output status) | |

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|---------------------------|-----------------------------------|--|---|
| General Parameters | Output Method | M12 5-pin Connector | |
| | Output Line Length | 1.5m | |
| | Waterproof | IP66 | |
| | Humidity Range | 4-100% (no condensation) | |
| | Cooling Method | Natural Heat Dissipation | |
| | Hazardous Material Classification | 9 | |
| | Shell Material | Galvanized Steel + Plastic | |
| | Fixed Way | Hanging Rod / Wall Mounting | |
| | Product Dimensions | 765*630*69 mm 825*690*105 mm (with Package) | 765*630*112.5 mm 825*690*140 mm (with Package) |
| | Weight | 13kg | 16kg |
| | Warranty | 2 years | |
| | Certificate | UN38.3/MSDS/CE/ROHS | |