



UTICA[®] Solar MobileGrid DC 260W



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| Flexible <ul style="list-style-type: none">• For systems from 300W to 5000W• 1 phase operation, connectable in parallel and modularly extendable• AC and DC coupling | Simple <ul style="list-style-type: none">• Easy commissioning with the "Quick Configuration Guide"• Complete off & on-grid management | Efficient <ul style="list-style-type: none">• High efficiency• Intelligent battery management for maximum battery life• Charge level calculation | Robust <ul style="list-style-type: none">• Extreme overload capability• Proactive temperature management system• 12 months warranty |
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Solar Powered Generator

UTICA[®] Solar MobileGrid is an off-grid solar power system that works 24-hours a day, powered by photovoltaic modules, complementing your existing energy consumption and hence, reducing electricity bills and carbon footprint.

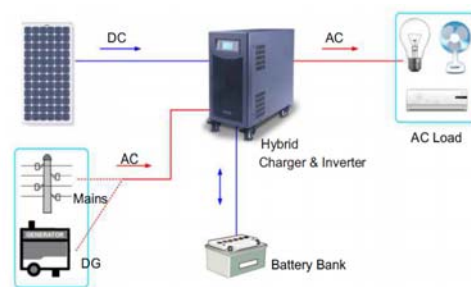
The easy deployable system makes commissioning within minutes possible. All required operational settings can be made quickly and easily in just a few steps. The UTICA[®] MobileGrid is powerful, extendable and takes on all control processes.

Its first-class intelligent power processing unit ensures maximum battery life. It also features impressive efficiency, a rugged metal enclosure and active cooling system. With an output rating of 230V and 50 Hz, the UTICA[®] MobileGrid is designed perfect

| Technical Data | MobileGrid DC 260W |
|---|---|
| Solar panel | |
| Max power | 260W (260Wp x 1) |
| Each Solar Module Size | 1636 x 986 x 35 mm (19kg) |
| Total Solar Module Weight | 19 kg |
| Total Estimated Area for Solar Panels | 1.7 M ² |
| Power/day | 832WH |
| Battery DC input | |
| Battery voltage (range) | 12V |
| Capacity | 12V,100Ah (1 pcs 12V100Ah) |
| Battery type | lead-acid battery |
| Efficiency / operating consumption | |
| Max. efficiency | 85% |
| Internal consumption with no load / standby | 25 W / 4 W |
| Protection devices | |
| DC reverse polarity protection / DC fuse | ●/● |
| AC short-circuit / AC overload | ●/● |
| Overtemperature / excessive battery discharge | ●/● |
| General data | |
| Operating temperature range | -25 °C ... +50 °C (-13 ° F ... +122 °F) |
| Protection rating (as per IEC 60529) | indoors |
| Features / function | |
| Operation & display / multifunction relays | internal / 2 |
| 3-phase systems / parallel connection | ●/● |
| Integrated bypass / multicuster operation | —/● |
| Charge level calculation / full- / equalization charge | ●/●/● |
| Integrated soft start / generator support | ●/● |
| Battery temperature sensor / communication cables | ●/● |
| Warranty: 2 / 5 / 10 / 15 years | ●/○/○/○/○ |
| Certificates and permits | www.utica.sg |
| Accessories | |
| Battery cables / battery fuses | ○/○ |
| Interfaces (RS485 / Multicuster PB) | ○/○ |
| "GenMan" extended generator start | ○ |
| Load-shedding contactor / battery current measurement | ○/○ |
| ● Standard features ○ Optional features — Not available | |
| Last revision: January 2017 | |
| Remarks | System integrated controller & inverter, simply connect the solar panels and batteries to the system, the system can work, easy for use. Structure for inverter is low frequency, and that for controller is PWM. |

UTICA PV Mobile Grid DC Series

- System capacity 0.2 kVA
- Indoor system
- Emergency backup power for communications
- Digital LED display indicates battery capacity status and total wattage
- UPS built-in
- Continuous electricity
- Surge protections
- 10m PV cable
- Integrated handles



Solar Off-grid System

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