

Features

- Green & Red LED display normal & fault
- Bypass mode allows 230Vac utility to provide power for AC load and charge battery
- Less than 10ms transfer time from utility mode to inverter mode
- 92% maximum efficiency
- Multiple protections

RS PRO Fixed Installation DC-AC Power Inverter 24Vdc to 230Vac 2000W With Battery Charger 24V/8A

RS Stock No.: 268-5134



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Product Description

- Used for television, computer, fan and phone charging
- Applications: vehicles and solar system
- IP 22 and used indoors only

General Specifications

| | |
|-----------------------------|---|
| Model | 268-5134 |
| Inverter Directionality | single |
| Number of Output | 2 |
| Output Connection Type | Universal Socket |
| Mounting Type | Chassis Mount |
| MTBF | 86852Khrs min. MIL-HDBK-217F (25°C) |
| Cooling Method | Loading Controlled Cooling Fan, >50°C (NTC) |
| Battery Low Alarm | 21 ± 1V |
| Battery Low Shutdown | 20 ± 1V |
| Over Temperature Protection | 60 ±5°C / 140 ±9°F |
| Over Voltage Protection | 30 ~ 32V |
| Overload Protection | >2050W shut down o/p voltage, re-power on to recover |
| Reverse Polarity Protection | Yes |
| Short Circuit Protection | Shut-off |
| Soft Start | Yes |
| ON/OFF Switch | Yes |
| Railway Approved | No |
| Interface | N/A |
| Applications | Home appliances, Power tools, Office and Portable equipment |

Mechanical Specifications

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|------------------|------------------------|
| Housing Material | Anodized aluminum case |
| Dimension | 395mm x 230mm x 108mm |
| Length | 395mm |
| Width | 230mm |
| Depth | 108mm |
| Lead Length | 530mm |
| Weight | 5.61kg |

Electrical Specifications

| Output Specifications | |
|------------------------------|---------------------|
| AC Voltage | 230V |
| Rated Power | 2000W |
| Peak Power | 2050W (30 minutes) |
| Surge Power | 4000W |
| Rated Output Current | 8.69A |
| Waveform | Pure Sine Wave |
| Frequency Range | 50Hz |
| Number of Output Connection | 2 |
| Output Electrical Phase | Single Phase |
| Output Regulation | ±5% |
| Efficiency | 92% maximum |
| Standby Power Dissipation | <1.6A |
| Standard Receptacles | Universal socket *2 |
| Max battery charging current | 24V/8A |
| Input Specifications | |
| DC Voltage | 24V |
| Maximum DC Current | 83.3A |
| No Load Current Draw | <1.6A |
| Voltage Range | 20VDC to 32VDC |
| Efficiency | 92% maximum |
| Battery Rating | 24V Nominal |
| DC Connector | M10 bolt |

| | |
|---------------------------|--|
| Voltage Regulation | 20-32VDC |
| Fuse | 15A*8, 10A*1 |
| Isolation Resistance | I/P-O/P:1000 Ohms / 500VDC / 25°C / 70% RH |
| Signal and Control | |
| LCD Panel | N/A |
| LED Indicator | Green LED for power on; Red LED for power failure status |
| Dry Contact Terminal | N/A |
| Remote Control Terminal | YES, ON/OFF controlled by an external switch |
| Transfer Relay | |
| Relay Specification | N/A |
| By Pass Relay | N/A |
| Switching Time | N/A |

Protection Category

| | |
|-----------|------|
| IP Rating | IP22 |
|-----------|------|

Approvals

| | |
|---------------|----------------|
| Declarations | REACH |
| Standards Met | CE / RoHS/UKCA |