

SunRunr Technical Specifications and Information

Power Generation

- 290W Kyocera 2-KD145 Solar Panels Included: Hinged and pre-wired; 20+ yr life; 30' plug-and-play cable standard; up to 150' optional
- 59" h x 26" w x 2" d, 27lbs each; Rugged; stand-alone, aluminum frame
- Rack optional
- Solar/Aux charging portals with accessible 30-amp fuse protection
- 30-amp solar PWM charge controller: LCD digital voltmeter and solar current ammeter display; Battery and charge status LEDs
- Aux portal accepts other 12V DC supplies up to 30 amps (wind or water turbine, AC-DC charger, or two additional solar panels)
- Use unit with or without panels connected



Panels with Rack



Other RE Options

Power Storage

- 12VDC 8D rechargeable AGM battery: 2940 Wh (245Ah x 12VDC), 5+ yr life, 150-3100 cycles
- Best battery life by only using 2/3 battery capacity before recharging, i.e. "useable storage"
- Therefore, 2000 Wh "useable" before recharge required (add 250Wh per pair of panels per hour of sun)
- Sustainable usage rate (available every day if panels have 6 hours of sun per day): 1.5kWh per day per unit (2 panels) or 3kWh/day (4 panels)



Deka 8A8D

Power Output

AC Inverter:

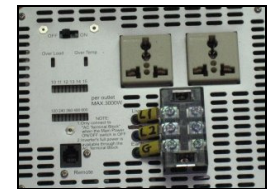
- 3,500W max continuous power/10,000W surge
- Modified sine wave (pure sine upgrade 3.5kW/6kW surge optional)
- SUN110 110-120VAC 60Hz (US wall); 4 outlets
- SUN240 220-240VAC 60Hz (US well pump, etc); 2 universal outlets
- SUN220 220VAC 50Hz (international); 2 universal outlets
- AC load, DC status LED bar graph meters; Power and fault LED indicators
- Low voltage alarm and automatic shutdown

DC/USB:

- 30-amp DC output portal
- 12V DC standard socket with USB port option



110VAC Inverter



220-240VAC Inverter

System Features

- Steel chassis enclosure for ruggedness and safety; Fully powder-coated for long-life protection; Rugged master on/off disconnect switch
- Rolls easily on 4" caster wheels; Sturdy handles for lifting
- One-year manufacturer's warranty; 28" l x 15" w x 30" h; ~260 lbs
- Manufactured in America
- Detailed user's manual; Easy to operate plug and play
- Silent; Minimal maintenance; Investment quality
- Expandable system: Quick-connect portal; Link SUNPWR (identical to above without inverter) or any other unit to any main unit to expand (e.g. double, triple) electricity generation and storage



SUNRNR System



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