

The solar power station generator is installed vertically

12.8V6Ah



Nominal voltage (V):12.8
Nominal capacity (ah):6
Rated energy (WH):76.8
Maximum charging voltage (V):14.6
Maximum charging current (a):6
Floating charge voltage (V):13.6~13.8
Maximum continuous discharge current (a):10
Maximum peak discharge current @10 seconds (a):20
Maximum load power (W):100
Discharge cut-off voltage (V):10.8
Charging temperature (°C):0~+50
Discharge temperature (°C): -20~+60
Working humidity: <95% R.H (non condensing)
Number of cycles (25 °C, 0.5c, 100%dod): >2000
Cell combination mode: 32700-4s1p
Terminal specification: T2 (6.3mm)
Protection grade: IP65
Overall dimension (mm):90*70*107mm
Reference weight (kg):0.7
Certification: un38.3/msds



Overview

Vertical solar installations take advantage of otherwise unused vertical surfaces such as the sides of buildings, noise barriers along highways, and other structures, thereby increasing the overall capacity of solar power generation without requiring additional land.

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[Vertical solar photovoltaic systems: a new dimension](#)

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SOLAR , Division of Information Technology

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[Vertical Installation: A New Frontier for Solar Power](#)

Transitioning from horizontal to vertical installation represents not just a change in installation angle but also a revolutionary improvement in solar

NY-Sun Solar Program , NYSERDA

Ready to go solar? Learn about incentives, financing, and tips for installing solar at residential and commercial properties.



[SignatureSolar : Solar Panels, DIY Off-Grid Solar, Server Rack](#)

Signature Solar provides solar panels & components and full kits for off-grid, grid-tie and custom diy solar systems. Providing Solar 101

and hands on experience within the solar industry.

Solar energy

Solar technologies are categorized as either passive or active depending on the way they capture, convert and distribute sunlight and enable solar energy to be harnessed at different levels around the



[Photovoltaic module installation: horizontal vs. vertical -](#)

This article explains the differences between horizontal and vertical installation of photovoltaic modules, and recommends the most suitable layout and module types for rooftops,



Homepage

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Solar Energy

There are two main types of solar energy technologies-photovoltaics (PV) and concentrating solar-thermal power (CSP). On this page you'll find resources to learn what solar

GreenLeaf Solar, LLC Reviews

Greenleaf Solar installation was top notch. Their Customer Service is extremely professional in answering my questions and getting back to me and in a timely manner.



New York Location Page

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