

MIDNITE SOLAR INC.

## **MNCHINOOK200**

### **MIDNITE WIND TURBINE GENERATOR**

***Don't be fooled by cheap imports!  
Manufacturing and product support  
for the Chinook are located in  
Washington State, USA!***

The Chinook 200 is a direct-drive micro-turbine designed for use in 12, 24 or 48 volt DC battery charging applications. Its attractive low-profile design, exceptional performance in low winds and low rotor acoustics, make this turbine the ideal choice for almost any application.

Of equal importance is the Chinook 200's ability to run at high output during high winds for prolonged periods of time without the need for mechanical or electrical braking. This means that a Chinook 200 will generate more kWh in an average wind regime compared to other turbines of comparable size.

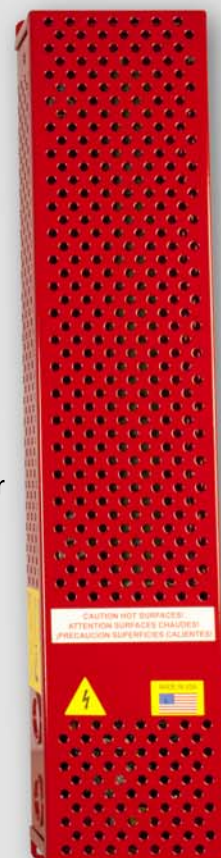
The Chinook 200 has been designed to be simple, economic, durable and yield excellent performance. The Chinook 200 can also work hand-in-hand with PV panels to ensure that power is being generated in all weather conditions.

The MidNite Chinook Diversion Load (CDL) is an integrated solution designed to prevent 12, 24 or 48 volt batteries from overcharging and is included with the Chinook 200. Compact and easy to install, the CDL incorporates a 300 Watt resistive heating element and controller board in a powder coated steel enclosure.

- The unique iron-less axial flux generator design has no cogging, which allows effortless startup in low winds and reduces generator hum
- Unique bearing configuration resulting in low friction and low bearing noise: all bearings are lubricated and sealed for life
- Two year limited warranty
- Built in Arlington, WA USA

[www.midnitesolar.com](http://www.midnitesolar.com)

17722 67th Ave. NE., Arlington, WA. 360-403-7207 FAX: 360-691-6862



Chinook Diversion  
Load with Smart  
Charging Controller  
(Included)

**MADE IN THE USA!**



# MNCHINOOK200

## MIDNITE WIND TURBINE GENERATOR



### APPLICATIONS INCLUDE:

- Remote Homes / Off Grid
- RV or Marine
- Wind-electric water pumping
- Street lighting and road signage
- Complimentary installation with photovoltaic modules for home power
- Farm utilities (electric fencing, irrigation, etc)
- Cathodic protection
- Monitoring sites
- Telecommunications



### PRODUCT SPECIFICATIONS

Part Numbers	MNCHINOOK200-12, MNCHINOOK200-24 & MNCHINOOK200-48
Nominal Voltage	12, 24 or 48V DC
Rotor Blades	Glass Reinforced Nylon
Rotor Diameter	1 Meter (3.28 Feet)
Rated Wind Velocity	11m/s (24.6 mph)
Rated Output	200 Watts
Max Output	250 Watts
Start-up Wind Velocity	3.5m/s (7.8 mph)
Total weight	6.3 Kg (14 lbs)
Shipping weight	8.17 Kg (20 lbs)
Tower mount	1.5" Schedule 40 pipe
Chassis Construction	Aluminum
Diversion Load	300 Watt Resistive Heating Element
Warranty	2 yr

**MADE IN THE USA!**