



Renewable Battery Systems

COBASYS brings you advanced Nickel Metal Hydride (NiMH) battery technology that offers safe and reliable renewable energy alternatives.

Features


- Safe
- Environmentally Friendly
- Enables the use of Multiple Renewable Technologies on the Same System
- Long Life
- Low Maintenance
- Space Savings of up to 66%
- Weight Savings of up to 77%
- Intelligent Remote and Local Monitoring Electronics – 24/7 !
- Safe Operation at Higher Ambient Temperatures
- Ideal for Peak Shaving Applications



NiGEN 480-115
Rack System



Technical/Engineering Specifications *

NiGEN Model: NiGEN 48-10	
Termination Type	¼" – 28 Female Terminal
Nominal Voltage	48 V
DC Voltage Range @ 25° C	36.0 - 58.0 V
Weight	192 lbs (86.2 kg)
Dimensions**	17.00" (431.8 mm) W x 21.22" (539 mm) D x 7.563" (192 mm) H
Nominal Capacity	85 Ah @ C/3, 25° C
Cycle Life	1600 cycles @ 80% depth of discharge
Charge Current	28 A
Efficiency	> 95% coulombic efficiency from 20% to 80% SOC
Operating Temperature	-10° <-> 40° C
Operating Relative Humidity	5% to 90% non-condensing
Altitude	10,000 ft (3,000 m) above sea level
Cooling	Forced Air Ventilation
Communications	High speed CAN 2.0B compliant used for centralized monitoring
Battery Type and Model	Series 9500 NiMH 12 V model 



NiGEN 48-10

* Specifications subject to change. Maximum floor loading – 2.7 lb/in²

** Approximate (W x H x D).



3740 Lapeer Road South Orion, MI 48359
 (P) 248.620.5700 (F) 248.620.5702
 sales@cobasys.com
 www.cobasys.com