

# Ni<sup>+</sup>GUARD BRIDGE™

## UPS Battery System

Safe, Proven NiMH Now Available for Uninterrupted Emergency Back-Up Power!

- Far simpler and more reliable than flywheel technology
- Capable of delivering 15 seconds of power, 3 times within 30 minutes -- without recharge
- Power range 80 kW to 720 kW in 1 cabinet in 80 kW increments
- Smaller Footprint – 720 kW in less than 9 sq. ft.
- 4X to 10X the cycling & temperature resistance of conventional UPS batteries
- Monitor system on your network
- No high speed moving parts
- Greater cycling capability
- Operates under wider temperature range
- Same technology as used in Hybrid Vehicles
- Made in the U.S.A.



## NiGUARD Battery Back-Up System with Intelligent Monitoring Electronics – 24/7!

( Use for Expansion or  
N+1 / N+2 Redundancy )



*The system can be expanded to an unlimited degree to meet higher power requirements, longer backup times or a redundant backup solution (N+1, 2N+1, etc.) and provides:*

### Reduced Total Cost of Ownership

- Weight and Space Savings
- No Down Time for Maintenance

### Longest Life for Any UPS Back-Up Power Source -- Even at Elevated Temperatures

- Proven Nickel Metal Hydride (NiMH) Performance for Ultra Long Life

### Scaleability for Capacity or Redundancy

- Grows with your Demands

### Environmentally Friendly Materials

- Green: NO Lead, NO Acid, NO Cadmium

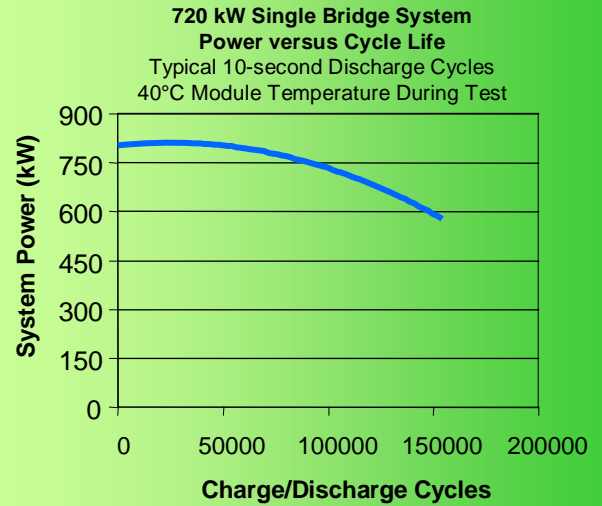


**COBASYS**

## Technical/Engineering Specifications \*

Product	Power (kW)	
	15 Seconds	30 Seconds
BRIDGE 240	240	225
BRIDGE 480	480	450
BRIDGE 720	720	675

BRIDGE 1400	1.4 MW	1.3 MW
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<b>NiGUARD BRIDGE – 720 kW</b>	
Footprint	8.75 sq. ft.
Weight	2800 lbs. (1270 kg)
Dimensions**	30" (762 mm) W x 42" (1067 mm) D x 96" (2438 mm) H
Nominal Voltage	480 V
DC Voltage Range @ 25° C	568 V to 389 V
Nominal Capacity	8.4 Ah @ C/3, 25° C
Cycle Life	> 10,000 cycles
Operating Temperature	-5° <-> 40° C
Operating Relative Humidity	5% to 90% non-condensing
Altitude	-200 ft to 10,000 ft (-60 m to 3000 m)
Communications	Ethernet TCP/IP
Battery Type and Model	Series 880 NiMH 12 V model

\* Specifications subject to change. Maximum floor loading – 2.7 lb/in<sup>2</sup>

\*\* Approximate ( W x H x D )



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