



# COBASYS

## Nickel Metal Hydride Batteries Specification Sheet

for Transportation (EV, HEV, 42 Volt) and  
Stationary Applications (Telecommunications, Distributed Generation, UPS)



<i>SERIES</i>	<i>1000</i>		<i>9500</i>	
<b>Characteristics:</b>				
Nominal Voltage (V)	12		12	
Capacity (C/3, Ah)	8.8		85	
Nominal Energy (C/3, Wh)	108		1,040	
<b>Dimension (mm/in)</b>				
Length	323	12.7	375	14.8
Width	45	1.8	102	4.0
Height	86	3.4	176	6.9
Weight (kg/lbs)	2.4	5.3	17.4	38.4
Volume (L)	1.25		6.75	
Specific Energy (Wh/kg)	45		60	
Energy Density (Wh/L)	86		155	
<b>Peak Power (10 sec, 2/3 VOC)</b>				
50% DOD (W)	2400 @ 35° C		4273 @ 25° C	
80% DOD (W)			3823 @ 25° C	
Thermal Management	Liquid		Air	
Case Material	Plastic Monoblock		Epoxy-Coated Steel	

Specifications are subject to change.

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