



RENEWABLE
ENERGY
CELL ULTRA G2



Nomad Power offers a line-up of high performance and zero maintenance commercial deep cycle batteries. The NOMAD E2 ULTRA G2 (has an extreme long design life (10 years) with zero maintenance required. Created for long life high cycle application such as solar and wind powered renewable energy storage. The NOMAD E2 ULTRA G2 range are well known for stable and reliable performance. The battery can withstand overcharge, over discharge, vibration and shocks. It is also capable of extended storage, UPS, Standby or Cyclic Applications.

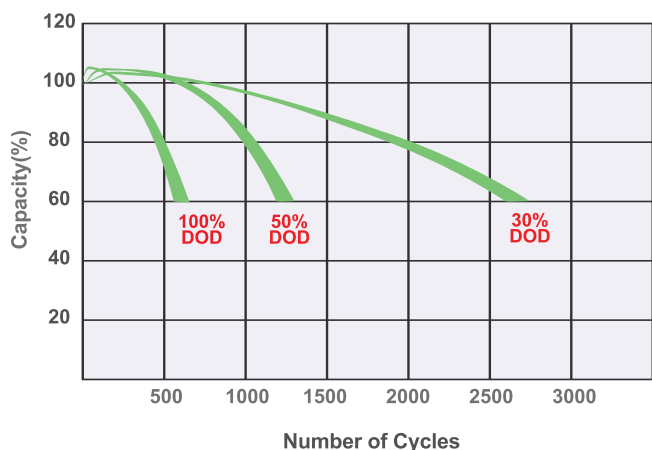
APPLICATIONS

- ✓ Residential or commercial off-grid systems
- ✓ RV and marine
- ✓ Engine starting
- ✓ Communication, Data centers and UPS
- ✓ Electric vehicles and motors

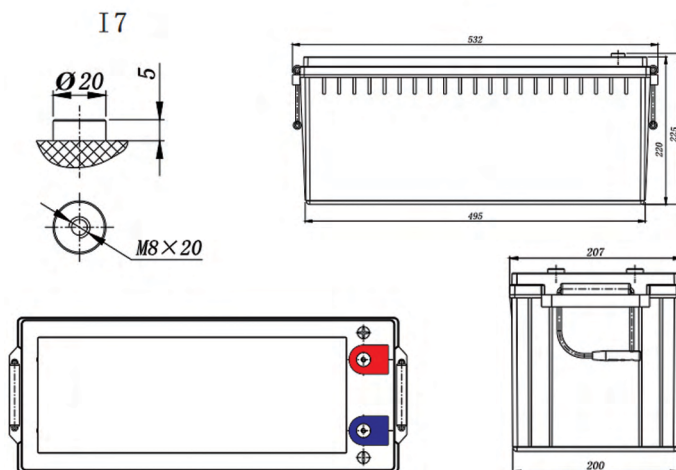
SPECIFICATION

Nominal Voltage	12V	
Nominal Capacity(100HR)	300AH	
Dimension	Length	532 ± 3mm (20.9 inches)
	Width	207 ± 2mm (8.15 inches)
	Container Height	220 ± 2mm (8.66 inches)
	Total Height (with Terminal)	225 ± 2mm (8.86 inches)
Approx Weight	Approx 60.1 kg (132.2 lbs)	
Terminal	T11 (M8)	
Container Material	ABS	
Rated Capacity	300.0AH / 3.0A	(100hr, 1.80V/cell, 30°C/86°F)
	234.4AH / 11.7A	(20hr, 1.80V/cell, 30°C/86°F)
	205.0AH / 20.5A	(10hr, 1.80V/cell, 30°C/86°F)
	200.5AH / 40.1A	(5hr, 1.75V/cell, 30°C/86°F)
	184.2AH / 61.4A	(3hr, 1.75V/cell, 30°C/86°F)
	164.8AH / 164.8A	(1hr, 1.60V/cell, 30°C/86°F)
Max. Discharge Current	1000 CCA	
Internal Resistance	2.3 mΩ	
Operating Temp.Range	Discharge : -15 ~ 50°C (5 ~ 122°F)	
	Charge : 0 ~ 40°C (32 ~ 104°F)	
	Storage : -15 ~ 40°C (5 ~ 104°F)	
Nominal Operating Temp. Range	27 ± 3°C (80± 5°F)	
Cycle Use	Initial Charging Current less than 40.0A.Voltage 14.6V~14.8 at 25°C(77°F) Temp. Coefficient -24mV/°C	
Standby Use	13.5V~13.8V at 25°C(77°F) Temp. Coefficient -18mV/°C	
Capacity affected by Temperature	40°C (104 °F)	102%
	30°C (86 °F)	100%
	0°C (32 °F)	86%
Self Discharge	NOMAD POWER E2 series batterys may be stored for up to 3 months at 25°C(77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.	

CYCLE LIFE VS. DEPTH OF DISCHARGE



TERMINAL PHOTO



www.nomadpower.net

© 2023 Nomad Power Systems. All Rights Reserved.

All trademarks owned by Nomad Power Systems or its affiliated companies.