



## THE BEST OFF-GRID BATTERY FOR OVER 25 YEARS.

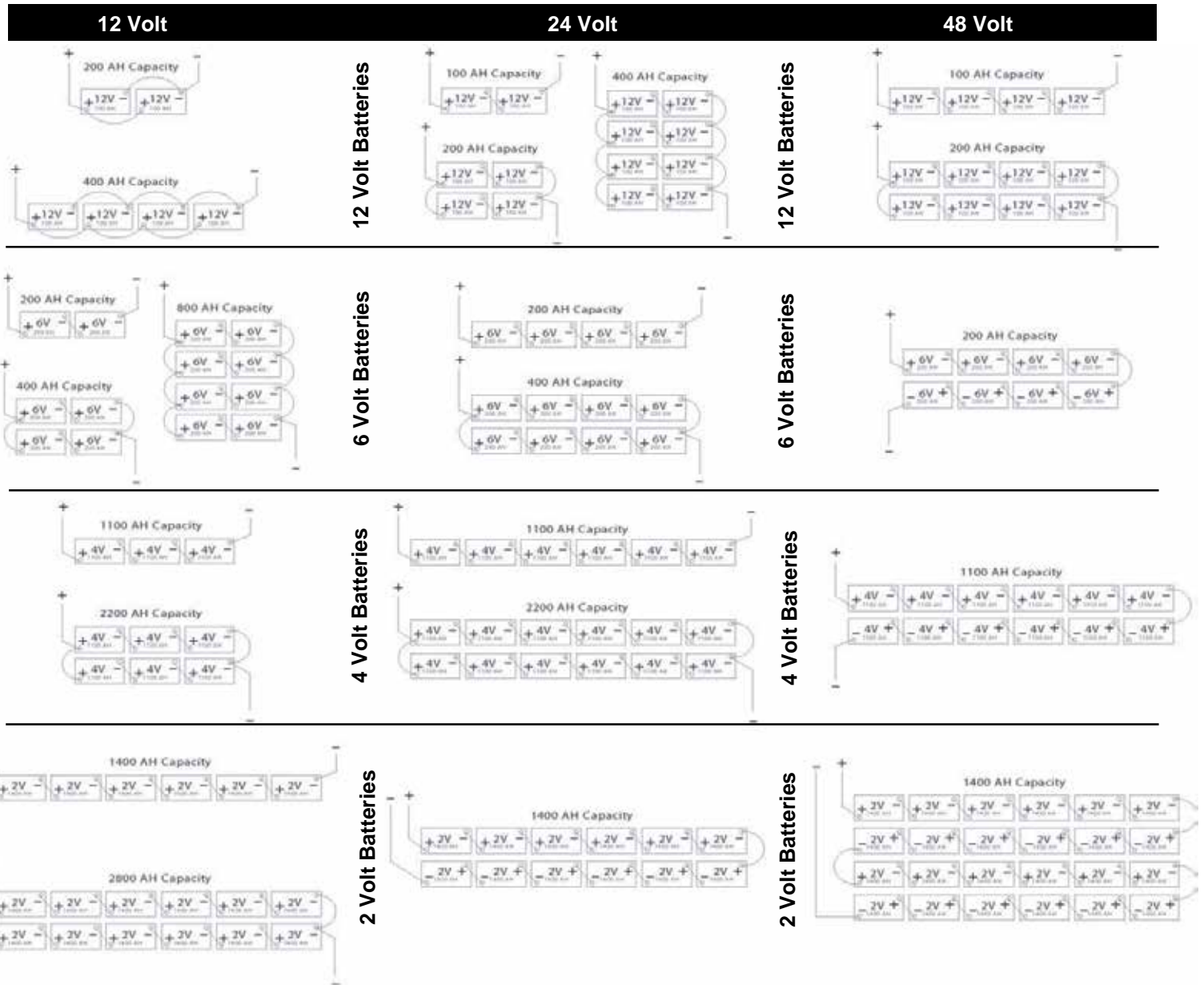
Accept no imitations. With modular dual container construction, recirculatory formation, robotic welding, the strongest warranty and the widest range of products, nothing beats the Rolls 5000 Series.



*Rolls*  
BATTERY ENGINEERING

Les industries deviennent de plus en plus exigeantes envers les fabricants de batteries afin que les cellules de ces dernières soient capables de conserver leur charge dans des conditions de température aussi bien chaude que froide.

The remote power industry has placed new and different demands on battery manufacturers to come up with cells capable of withstanding long periods of slow discharge at either very cold or very hot ambient temperatures.



Ce tableau montre l'effet de la température sur la capacité des batteries acide-plomb et la tension de charge recommandée.

Battery Temperature	Capacity (%)	Charge Voltage
30°C	105	13.2
20°C	102	13.6
10°C	100	14.0
0°C	95	14.2
-10°C	85	14.7
-20°C	70	15.2
-30°C	50	15.6
Température de batterie	Capacité (%)	Voltage de recharge

Ref. AGM type battery, 100 A, 12 V, nom., STC.

This table shows the effect of temperature on most lead acid batteries capacity and their recommended charge voltage.





# SOLAR CHARGED

## Powerful Solutions For Renewable Energy Applications



Valve regulated gelled electrolyte (VRL) Excels in heavy demand cycling applications.



Valve regulated absorbed glass mat (AGM) 2x the cycle life of flooded batteries.

Flooded monobloc - 8 & 12 volt High cycle life with minimal maintenance.

Powerful flooded - 6 volt DSE series High capacity flat plate cells providing 12- to 14-year service life in shallow cycle service.



### MORE POWER - LESS SPACE™

The Deka Utility II AVR (absorbed valve regulated) series provides optimal power in a smaller footprint with optional top or front access. Two module designs (interlocking modules and non-interlocking modules) are available in a wide range of capacities and sizes to fit the requirements of renewable energy applications.

Shipped at 100% capacity, providing 2400 cycles @ 20% DOD.



**Deka**  
**SOLAR**

- Water Pumping
- Residential/Neel Villages
- Communication
- Cathodic Protection
- Remote Monitoring
- Refrigeration
- Lighting
- Aids to Navigation
- Wind Generation
- Road Signage Work
- Railway Signal Applications
- Solar Panel Electricity Collection
- Uninterruptible Power Supply (UPS)

