

# PowerRush™ Platinum

## The Ultimate Dual Purpose Battery – High Cranking Power and Deep Cycle Capability in One

### Exceptional Performance

- Absorbent glass mat (AGM) technology
  - Pure flat-plate lead for maximum power
- Exceptional cold starting performance – 1150 CCA
  - 75% greater power retention vs. Group 31 wet cell batteries at -4°F
- Superior five-second cranking power
  - 40% more power vs. wet-cell batteries
- Long-term shock and vibration resistance for over-the-road, rail and off-highway applications
  - Welded internal cells withstand extreme vibration
  - Passed extensive long-life tests including IEC 61373 Sections 8-10
- 400 cycle rated to 80% depth of discharge (DOD)\*

### Benefits

- Reduced fuel consumption in Start-Stop mode
  - Fast charge acceptance lessens engine run time for recharging
- 2-year storage life at +77°F (25°C); over 4x greater than traditional wet cells
- 4-year full-replacement limited warranty on approved reefer applications in the U.S. and Canada\*
- 5- to 8-year service life
- Maintenance-free
- Made in the U.S.A.

\* Deeply discharging a battery via parasitic load to below 10.0V will void the warranty.



### Specifications

Voltage	12 V
Size	Group 31
Terminals	3/8" stud or SAE post
CCA	1150 amps
5 second PCA	2150 amps
HCA	1545 amps
MCA	1370 amps
Reserve capacity	205 minutes
Amp hr. @ 20 Hrs	100 Ah
Operating	700
Temp. Range	-40°F (-40°C) to 176°F (80°C)
Weight	78 lbs
Part Numbers	30-00482-00 SAE Smooth Post 30-00482-01 Threaded Stud

	PowerRush Platinum AGM	PowerRush High Cycle Wet Cell	Traditional Wet Cell
CCA	1,150 amps	700 amps	700 amps
Starting Power at -20°F	1,000 amps	560 amps	560 amps
Service Life	5 - 8 Years	20 - 28 Months	20 - 28 months
Warranty	4 Years, or 400 cycles to 80% depth of discharge	18 Months	18 Months
Reserve Capacity	205 Minutes	190 Minutes	180 Minutes
Construction	Pure-lead tin/Sealed AGM	Lead-Calcium/Flooded	Lead-Calcium/Flooded
Corrosion	No terminal or battery compartment corrosion	Likely terminal and battery compartment corrosion	Likely terminal and battery compartment corrosion
Short Circuit	5,000 amps	Hazardous	Hazardous
Shock and Vibration Resistance	Excellent	Good	Fair
Shelf Life (at +77°F)	2 Years	6 Months	1 - 6 Months
End of Life	Slowly loses power, no catastrophic failure	Immediate loss of power	Immediate loss of power

## Designed and Built for Long Life over the Long Haul

Traditional wet cell batteries experience a trade-off in high starting power vs. deep cycling ability. The PowerRush Platinum relinquishes nothing, with exceptional performance in both elements, providing piece of mind for your reefer on-highway, and off-highway battery needs.

## Safe, Military Grade Design

- High pressure sealed with zero head space – explosion proof
- Welded over-wall connectors eliminate internal sparking
- Welded internal cells and encapsulated connectors withstand extreme vibration
- Compressed terminal seal prevents terminal and battery compartment corrosion
- Certified by USDOT and IATA as non-hazardous and non-spillable

