



EON Battery

More power and a longer service life.



Big Power. Long Life. The EON battery is here.

- Full-replacement 4-year warranty
- Dry cell technology for greater efficiency, longer life and a lower life cycle cost
- Fuel savings due to less engine run time to recharge battery when in CYCLE-SENTRY™ mode
- 5 second cranking power of the EON is double to triple that of equally-sized wet-cell batteries, even when the temperature is as low as - 40°C (-40°F)
- Improved heat and vibration resistance
- 210-minute reserve capacity



Dry Cell Technology

The EON battery uses Absorbed Glass Mat (AGM) technology to offer, in one box, the characteristics of two separate batteries. It can deep cycle as well as provide enormous cranking power in one durable package.

Superior Cranking and Fast Charge Capability

The 5-second cranking power of the EON is double to triple that of equally sized conventional batteries, even at extremely low temperatures.



AGM Battery Charger

The AGM charger, a 50 amp single bank charger designed specifically for the unique charge profile of the EON battery, delivers many benefits, including:

- Three-step charge profile for fast, complete and safe charges
- Continuous trickle charge keeps batteries fully charged during extended periods of non-use

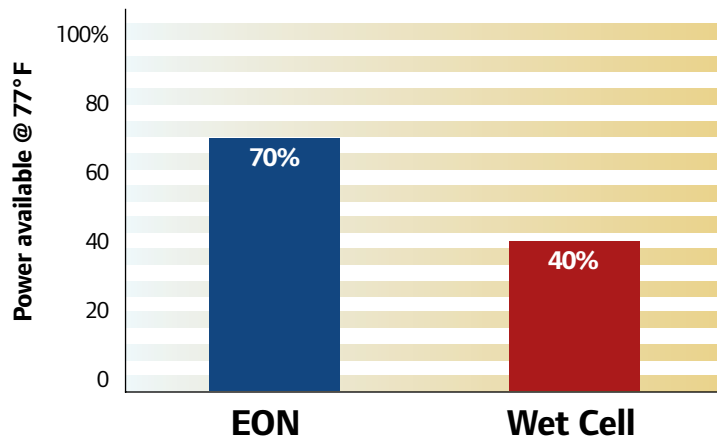
- Safe enough to leave connected indefinitely without damaging the battery

[Part Number 204-1923](#)

A True Long-Life Battery

With an expected 5- to 8-year service life (backed by our 4-year full-replacement warranty), the EON saves you the time and money of battery replacements.

Starting Power at -4°F



Technology Comparison

	EON	Conventional Wet Cell
Service Life	5-8 yrs.	1.5-2.5 yrs.
Electrolyte	AGM - No Leakage	Acid-Flooded
Shelf Life	2 yrs.....	6-12 weeks
Shipping	Non-Spillable.....	Hazardous Material
Terminals	Corrosion-Free	Prone to Corrosion
End of Life	Battery slowly loses power	Immediate and catastrophic loss of power
	no catastrophic failure	

Battery Performance

Voltage.....	12
PHCA** (5 sec).....	2150
CCA*	1150
HCA	1545
MCA.....	1370
Nominal Capacity:	
(20 Hr Rate - Ah)	100
(10 Hr Rate - Ah)	92

Reserve Capacity - Minutes.....	210
Weight	75 lbs.
Terminal	3/8" Stud/SAE
Torque Specs (lbs.)	150-200
Internal Resistance (mΩ)	2.2
Short Circuit Current (Nm max).....	5000A
Size	Group 31
* Cold Start Performance S.A.E. J537 JUNE 82	
** Pulse Current	
Operating temperature range: -40°F to 180°F	

Warranty

4-year full-replacement warranty.
See your Thermo King dealer for full warranty details.

Part Numbers

203-550 Threaded Stud
203-551 Smooth Post



Ingersoll Rand's Climate Solutions sector delivers energy-efficient HVACR solutions for customers globally. Its world class brands include Hussmann, a manufacturer of refrigeration and food merchandising solutions, Thermo King, the leader in transport temperature control and Trane, a provider of energy efficient heating, ventilating and air conditioning systems, building and contracting services, parts support and advanced controls for commercial buildings and homes.

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