

Panasonic Cost of Ownership Savings

- A brushless motor will last at least twice as long as a brushed motor (you can cut your motor repair costs in half)
- The electronic switch will last at least twice as long as a standard switch (you can also cut your repair costs in half on switches)
- Guard-ion monitoring of each individual cell in the Lithium battery pack increases the overall life of the pack by 1.7x over convention Lithium battery packs.
- The battery is a 3.0 Ah battery pack with a 2,400 charge cycle life expectancy. You can install approx. 1,200 pieces of an M6 fastener at (89 in. lbs.) per charge. That's 2,880,000 fasteners per battery before needing to be replaced. Your cost on the battery is \$116.00.
This is 25,000 fasteners per 1¢ of battery cost. Every air tool also costs several hundred dollars a month in electricity for air generation. Payback on the cost of a Panasonic cordless shutoff tool used for continual production is 3 to 6 months just in electricity savings, depending on the number of fasteners.
- Many of the other cordless tools being used in production have much lower capacity resulting in the need to charge them much more frequently, Ni-Cad and Ni-Mh batteries will only last about 1/2 as many charge cycles as our Lithium packs.
- The combination of low capacity and low charge cycles results in a very high cost of ownership, having to replace batteries in months instead of years.

A few other costs saving facts:

Panasonic Cordless Power Tools can:

- Eliminate the safety hazards of air hoses.
- Reduce Product Mutilations by not having pneumatic hoses present to potentially damage the manufactured product.
- Greatly reduce wrist injuries caused by tool reaction to the user.
- Reduce CO2 emissions from air tools
- Reduce operating costs and down time by eliminating oilers and oil maintenance.
- Less mutilation by utilizing rubber covers on the tool, battery and collet.