IMPRES™
SMART ENERGY BATTERIES
TALK LONGER, WORK SMARTER AND SPEND LESS IN THE LONG RUN
CHEAP BATTERIES COME WITH A HIGH PRICE

If you buy batteries on the initial purchase price alone, you could end up spending more in the long run. While other brands may look the same, their quality and performance vary dramatically. The technology inside makes a big difference in how they impact the performance of your radio and how often they have to be charged.

If you’re not using IMPRES™, your batteries may need constant recharging, stop working when your people need them most or even damage your radio. And that’s a high price to pay on what you’ve invested in your valuable two-way radio system.

IMPRES BATTERIES LAST A LOT LONGER, AND SAVE YOU A LOT MORE

Are you overbuying batteries? Many administrators do because they’re uncertain if their batteries will work or unsure when they need to be switched out. They replace at predetermined intervals or give workers spare batteries just in case.

IMPRES enables you to reduce the number of spare batteries you buy and increase the time before you need replacement batteries.

Only IMPRES batteries can be charged 150 additional times compared to a standard battery — a 43% increase in charge cycles. If you charge radios two to three times a week, you’ll likely get more than an extra year out of every IMPRES battery.

Investing in IMPRES is designed to save you money because you buy fewer batteries over the life of the radio and have fewer disruptions to operations.

“In the long run, IMPRES batteries are considerably cheaper than other batteries because they’re more reliable and they last longer.”

Keith Lippert, Communications Operations Supervisor City of Madison, Wisconsin

“Only IMPRES batteries can be charged 150 additional times and last 43% longer”

At 60% capacity, there is a 43% increase in charge cycles

**CAPACITY**

**CHARGE CYCLES**
IMPRES™
SMART ENERGY BATTERIES

**IMPRES BATTERIES CAN HELP YOU TALK LONGER AND WORK SMARTER**

It’s critical for your workers to know that a fully-charged battery will last the entire shift. How do you know which batteries to replace – if you don’t have time to put them through an analyzer?

**IMPRES shows you exactly how much capacity is left, so you can squeeze every bit of energy out of IMPRES batteries.**

With IMPRES, you can know battery capacity instantly, because if your radio or charger has a display, it shows you the exact capacity available. You can be more confident your radio battery is ready to go.

And with the unique IMPRES Battery Reader and IMPRES Battery Fleet Management systems, you can more efficiently manage your batteries with real world data not available with other manufacturers’ batteries. These easy-to-use software applications let you know if there is enough capacity for a full shift, alert you to low capacity batteries so you can remove them, prevent downtime and eliminate throwing batteries out prematurely.

**BATTERY INFORMATION AVAILABLE ON THE MOTOTRBO XPR 7550**

**MOTOROLA BATTERIES PERFORM BETTER TO HELP YOUR WORKERS STAY SAFER**

Whether your people are pursuing a suspect or patrolling a power plant, you can’t shortchange their safety. Their radio is their lifeline and if the battery fails, so do they.

**Motorola batteries survive day-to-day abuse and the hazards of the workplace.**

In test after test, Motorola batteries outperform the rest – twice as tough as other brands. We design, build and rigorously test every battery to the same high standards as our radios to withstand dust, water, knocks, drops, shocks and more. An innovative circuit design protects against overcharging and electrical shock. And since select Motorola batteries are certified “intrinsically safe” for use with our radios, you can be confident they’ll work in the stressful environments of your work place.

**MOTOROLA BATTERIES**

*Our warranty protects against any defects in workmanship for four years.*

**MOTOROLA BATTERIES PERFORM BETTER TO HELP YOUR WORKERS STAY SAFER**

Motorola batteries help keep your workforce safer and your costs in check. Only our batteries are backed by 4-year warranty, twice as long as most leading competitive batteries.* When you invest in safety and productivity with Motorola and with IMPRES, it does pay off.
### RADIO MODELS AND COMPATIBLE IMPRES™ BATTERIES

#### APX™ 7000, APX 6000, APX 7000XE, APX 6000XE

<table>
<thead>
<tr>
<th>Battery Part Number</th>
<th>Battery Description</th>
<th>Special Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMNN4403</td>
<td>2150 mAh Li-Ion slim</td>
<td>IP67 - Submersible</td>
</tr>
<tr>
<td>NNTN8092</td>
<td>2300 mAh Li-Ion high capacity</td>
<td>Rugged - Submersible, Intrinsically Safe</td>
</tr>
<tr>
<td>NNTN7038</td>
<td>2900 mAh Li-Ion high capacity</td>
<td>IP67 - Submersible</td>
</tr>
<tr>
<td>NNTN7034</td>
<td>4200 mAh Li-Ion high capacity</td>
<td>Rugged - Submersible</td>
</tr>
<tr>
<td>NNTN7033</td>
<td>4100 mAh Li-Ion high capacity</td>
<td>Submersible, Intrinsically Safe</td>
</tr>
<tr>
<td>NNTN7035</td>
<td>2000 mAh NiMH high capacity</td>
<td>Rugged - Submersible, Intrinsically Safe</td>
</tr>
</tbody>
</table>

The batteries listed above are designed to be charged in the following IMPRES chargers:
- WPLN4187 – IMPRES Multi-Unit Charger
- WPLN4182 – IMPRES Single-Unit Charger
- NNTN7616 – IMPRES Vehicular Charger
- WPLN4192 – IMPRES Multi-Unit Charger with Displays
- WPLN4180 – IMPRES Multi-Unit Charger

#### IMPRES Battery Reader Package – includes battery reader hardware, system software, USB cord, adapter inserts for MOTOTRBO, HT-series and APX.

<table>
<thead>
<tr>
<th>Battery Part Number</th>
<th>Battery Description</th>
<th>Special Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>NNTN7392</td>
<td>2050 mAh Li-Ion slim</td>
<td>IP67 - Submersible</td>
</tr>
<tr>
<td>NNTN7395</td>
<td>2700 mAh Li-Ion high capacity</td>
<td>Rugged - Submersible, Intrinsically Safe</td>
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<tr>
<td>NTN9858</td>
<td>2100 mAh NiMH high capacity</td>
<td>IP67 - Submersible, Intrinsically Safe</td>
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<tr>
<td>NNTN9857</td>
<td>2000 mAh NiMH high capacity</td>
<td>Intrinsically Safe</td>
</tr>
<tr>
<td>NNTN6263</td>
<td>2000 mAh NiMH high capacity</td>
<td>IP67 - Submersible, Intrinsically Safe</td>
</tr>
</tbody>
</table>

All Astro Digital XTS batteries are designed to be charged in the following IMPRES chargers:
- WPLN4111 – IMPRES Single-Unit Charger
- WPLN4130 – IMPRES Multi-Unit Charger with Displays
- WPLN4208 – IMPRES Vehicular Charger
- WPLN4212 – IMPRES Multi-Unit Charger
- WPLN4232 – IMPRES Single-Unit Charger

#### NNTN8045 Single-Unit Charger Interface Unit (CIU) – not compatible with WPLN4111 (XTS Single Unit Charger)

#### NNTN7677 Multi-Unit Charger Interface Unit (CIU) – not compatible with WPLN4108/4111 XTS Multi-Unit Charger

### THE FOLLOWING HARDWARE AND SOFTWARE APPLICATIONS SUPPORT ALL IMPRES BATTERIES LISTED ABOVE

**IMPRES Battery Management Software**
- NNTN7678

**IMPRES Battery Reader Package**
- NNTN7392

**IMPRES Battery Reader Management Key**
- HKVN4036

**IMPRES Battery Reader Interface Unit (CIU)**
- NNTN7677

**IMPRES Battery Reader Interface Unit (CIU)**
- NNTN8045

**Motorola Solutions, Inc.** 1301 E. Algonquin Road, Schaumburg, Illinois 60196 U.S.A. motorolasolutions.com

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