

RadioWorks

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MOTOROLA

IMPRES Smart Energy System

Unique battery charging and reconditioning solution

Motorola's **IMPRES™ Smart Energy System** is a unique battery charging and reconditioning solution that automates battery maintenance, optimizes cycle life and maximizes talk time so your radio system will be charged and ready to go...whenever you need it.

Automates battery maintenance...

With **IMPRES**, **manual battery maintenance is not required**. **IMPRES** uses a unique communications protocol to facilitate adaptive reconditioning that diminishes *memory effect* that results when batteries are continually charged before they're fully discharged. The **IMPRES** Smart Energy System adjusts the reconditioning frequency to match individual battery usage patterns. No longer will you have to manually track and record battery usage. With automatic and adaptive reconditioning, you eliminate guesswork and the time wasted reconditioning batteries prematurely.

IMPRES chargers can also charge compatible non-**IMPRES** Motorola batteries. However, automatic reconditioning and all other **IMPRES** features are realized only when using Motorola **IMPRES** batteries and chargers.

Optimizes cycle life...

An **IMPRES** battery **may be left in an IMPRES charger for extended periods** without heat damage due to the charger. This makes **IMPRES** ideal for those applications that require equipment in a "ready" state at all times.

A battery with brains...

To optimize performance, the **IMPRES** battery **stores usage information that's continuously analyzed by the charging and reconditioning system to automatically maintain the battery at peak performance levels**.

A charger that communicates...

Motorola's **IMPRES** multi-unit chargers are **available with a two-line display module that communicates important information in real time**, including:

Battery capacity and voltage while charging

Time remaining to complete the rapid charging process, so you always know when your battery will be fully charged (NiCd and NiMH only)

Current battery status, such as charging or reconditioning information

The battery's **unique serial number, kit number, and chemistry**

Staying power...

When used exclusively with **IMPRES** chargers, **IMPRES batteries carry extended capacity warranties** that continue six months longer than Motorola Premium battery warranties. Motorola's **IMPRES Smart Energy System** is designed to help you charge batteries to maximum capacity – so they have the power your radio systems require...so you can do your job.