

## NEW MOTOTRBO™ AND TETRA ATEX SIX-WAY MULTI-UNIT CHARGER



The new IMPRES™ six-way multi-unit charger offers a smaller and lighter platform with integrated programming and fleet management features for all current and future radio families across MOTOTRBO™ and TETRA. This introduction is the first of a series of multi-unit chargers that allow up to 6 radios or batteries to be charged simultaneously as well as support integrated data upload to an IMPRES Battery Fleet Management System without the need for a separate CIU (Charging Interface Unit).

Additional new features include:

- Two display modes for enhanced display data capabilities
  - Set up mode enables the user to customise the charger for their specific use (battery storage mode, enabling/disabling calibration or reconditioning, display format selection, power saver selection)
  - Diagnostic mode enables the charger to read IMPRES battery data similar to the IMPRES battery reader (date of first use, number of charge cycles and capacity details)
- Battery analyzer mode (for example end of service life)
- One combined model offering single display scalable to 6-unit display via software upgrade
- Preparing Lithium-Ion batteries for shipment
- Long-term battery storage

### Lithium Transportation

In order to comply with the International Air Transport Association (IATA) regulation stating that lithium ion cells and batteries must be offered for transport at a State of Charge (SoC) not exceeding 30% of their rated design capacity, the charger sets the State of Charge of the battery to a low value (typically 25% of rated capacity) permitting for bulk air cargo shipment.

### Long-Term Storage

The new multi-unit charger can also be set for long-term storage enabling the IMPRES battery to reach a State of Charge suitable for storage for a long period of time in an environmentally-controlled storage location or facility. Using the display, a series of options allows choosing a default of 50% of rated capacity or customizing the values required based on what is stored in the battery memory. Long-term storage at 75% rated capacity is also available for scenarios requiring the stored battery to be at a higher SoC, minimizing full-charge time if the battery must be quickly fielded.

### Specifications

- Characteristics:
  - Weight: 3.9kg
  - Dimensions (L x W x H): 445 x 170 x 116 mm
  - Chemistry: Ni-MH, Li-Ion
  - Technology: IMPRES
  - Power source: 120-240 VAC
  - Number of pockets: 6
  - Number of displays: 1 (future feature: scalable to 6-unit display via software upgrade)
- Radio Compatibility:
  - **MOTOTRBO Professional Two-Way Radios:**
    - Non ATEX models: DP4000/DP4000e and DP2000/DP2000e Series
    - ATEX models: DP4000 Ex Series and DP4000 Ex Ma Series
  - **TETRA:**
    - ATEX models: MTP8000Ex Series

### Ordering Information

**PMPN4289A** – IMPRES 6-Way Multi-Unit Charger with Euro cord

**PMPN4290A** - IMPRES 6-Way Multi-Unit Charger with UK cord

**PMPN4284A** - IMPRES 6-Way Multi-Unit Charger with US cord

**CB000458A07** - USB Data Cable for fleet management and programming

**BR000271A01** - Wall mount bracket (compatible when battery or radio charging on its own – no attached accessory)

**BR000272A01** - Wall mount bracket (required when audio accessory is attached to radio while charging – for example Remote Speaker Microphone)