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



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 new series of multi-unit chargers allows up to 6 radios or batteries to be charged simultaneously as well as supports 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.

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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

- 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)

Ordering Information for Professional and Commercial Two-Way Radios:

- Non ATEX MOTOTRBO models: DP4000/DP4000e and DP2000/DP2000e Series
- ATEX MOTOTRBO models: DP4000Ex Series and DP4000Ex Ma Series
- Legacy DP3000 Series

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

- MOTOTRBO DP3441/DP3441e and DP3661e Series
- Legacy Professional Series
- Legacy ATEX Professional Series
- Legacy Compact Professional Series

PMPN4297A – IMPRES 6-Way Multi-Unit Charger with Euro cord

PMPN4298A - IMPRES 6-Way Multi-Unit Charger with UK cord

PMPN4285A - IMPRES 6-Way Multi-Unit Charger with US cord

Ordering Information for TETRA ATEX

- MTP8000Ex Series

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

Ordering Information for legacy TETRA ATEX

- Legacy MTP850Ex Series

PMPN4297A – IMPRES 6-Way Multi-Unit Charger with Euro cord

PMPN4298A - IMPRES 6-Way Multi-Unit Charger with UK cord

PMPN4285A - IMPRES 6-Way Multi-Unit Charger with US cord

Ordering Information for compatible accessories

CB000458A07 - USB Data Cable for fleet management and programming

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

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

