



## PacStar 200-Series

### Packaging and Accessories

#### PacStar 200-Series Packaging & Accessories

- 3-Slot Chassis
- 8-Slot Universal Smart Chassis
- 400-to-200-Series Adapter
- 2-Slot Power Adapter
- AC/DC Power Brick
- 2-Slot Dual Sled
- Carbon Fiber Transit Case
- Fiber-Reinforced Plastic Transit Case
- 19" 4RU Rack Mount Frames
- PacStar SAVE Frame
- Mounting brackets, cables

**Curtiss-Wright offers a wide range of packaging solutions and accessories for PacStar® 200-Series modules, transforming individual network modules into complete modular communications solutions.**

The PacStar 200-Series provides high-performance routing, switching, and edge compute to support advanced network access for critical voice, data, and video connectivity in a compact, quick-setup, rugged form factor.

Designed to provide flexible transport, configuration, and setup options, the PacStar 200-Series modules can be used as follows:

- Included as part of modular, flexible systems with other PacStar 200-Series and PacStar 400-Series modules, mounted in a variety of cases and packaging solutions
- In snap-together configurations with other PacStar 200-Series and PacStar 400-Series modules, including switches, servers, and gateways
- Used as a standalone router/switch module with Power Input Adapter (sold separately)

The PacStar 200-Series is designed to serve the tactical communication needs of teams that deploy worldwide and have secure communication requirements in austere environments. The PacStar 200-Series enables teams from U.S. DOD, homeland security, as well as first responders and civilian organizations to easily and securely connect multiple devices to mission critical communications networks.

## PacStar 200-Series Chassis and Accessories

### PacStar 200-Series 3-Slot Chassis



#### Key Features

- 3-Slot, 140W PacStar 200-Series chassis with integrated wide range DC power supply
- Blackout mode switch selection
- Rear panel I/O includes
  - Locking 4-pin DC Input Connector
  - Locking 2-Pin 12VDC Output Connector
  - Grounding Lug
- Available universal AC power supply for X-YV 50/60Hz AC operation

### PacStar Universal Smart Chassis



#### Key Features

- 350W Chassis capable of housing up to (8) PacStar 200-Series Modules or (4) PacStar 400-Series Modules or combinations of 200-Series and 400-Series (with 200-Series to 400-Series Adapter Plates)
- PacStar Universal Smart Chassis 1-Slot AC Power Conditioner is also available
- Wide-range (11.8-35VDC) filtered power input supports up to 350W payload
- AC Power Conditioner option (powers up to two PacStar Universal Smart Chassis) to plug into any outlet or generator in the world
- Integrated UPS and battery option to support uninterrupted system operation
- Smart Shutdown/remote monitoring support option

### PacStar 400-Series to 200-Series Adapter



#### Key Features

- Converts PacStar 400-Series to PacStar 200-Series power connections for installation in a PacStar Universal Smart Chassis

## PacStar 200-Series Packaging and Accessories

## PacStar 200-Series Power Input Adapter (2-Slot)



### Key Features

- 100W power adapter supports up to (2) PacStar 200-Series modules
- Blackout mode selection switch
- Rear panel I/O includes Fischer (10-35VDC input), 8-32 grounding lug
- Available universal AC power supply for X-YV 50/60Hz AC operation
- 2x MBITR battery connections

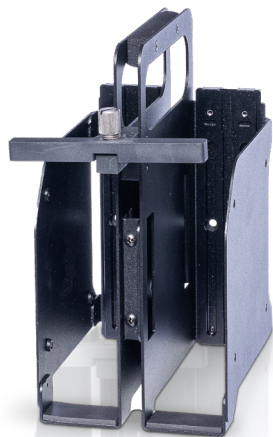
## PacStar 200-Series AC/DC Power Brick



### Key Features

- PacStar 200-Series AC/DC Adapter 200W / 24VDC
- IEC C14 input to brick, NEMA 5-15P to IEC C13 AC cable
- (DC-OUT) Fischer Connector

## PacStar 2-Slot Sled (with Expansion Features)



### Key Features

- Fits (2) 2-slot PacStar 200-Series power adapters with (2) PacStar 200-Series modules on each side of handle
- Direct mounting options for KG250X / KG250XS / KG175N

## PacStar 200-Series Packaging and Accessories

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## PacStar Mini Transit Case Systems

For transport of PacStar 200-Series and 400-Series solutions in scalable, dense, quick setup form factors -- with high resistance to environmental damage -- PacStar provides compact, lightweight, custom-designed Mini Transit Case Systems in two models: a carbon-fiber transit case for minimum SWaP and a fiber-reinforced plastic case for enhanced drop protection. PacStar Smart Chassis are user-removable without tools, and capable of operating outside the transit cases, enabling physical separation as required for classified enclaves.

### PacStar Carbon Fiber Transit Case (CFTC)



PacStar Carbon Fiber  
Transit Case with Front Cover Attached

#### Key Features

- Custom-designed, molded carbon fiber transit case with wheels and retractable handle (9" x 21" x 14")
- Standard case size meets FAA carry-on size restrictions  
Other case size available.
- Holds multiple PacStar Universal Smart Chassis with a maximum of a 16 module PacStar 200-Series payload, a maximum of a nine module PacStar 400-Series payload, or a custom combination depending upon mission needs
- Removable lids for operation of equipment in the transit case
- Nest plate feature on top capable of holding (2) additional PacStar modules or HAIPE encryptor(s) (KG-250X, KG-250XS, KG-175N models) during field operation.
- ~65 lbs. fully loaded system (includes two Smart Chassis, full module payload and BB-2590 batteries with UPS capability)

### PacStar Fiber-Reinforced Plastic Transit Case (FRTC)



PacStar Fiber  
Reinforced Plastic Transit Case

#### Key Features

- Custom-designed fiber reinforced plastic case (18.7" x 20.1" x 12.4")
- Holds multiple PacStar Universal Smart Chassis with a maximum of a 16 module PacStar 200-Series payload, a maximum of a nine module PacStar 400-Series payload, or a custom combination depending upon mission needs
- Removable lids for operation of equipment in the transit case
- Designed to withstand MIL-STD-810H transit drop tests method 516.7 procedure IV
- ~100 lbs., fully loaded

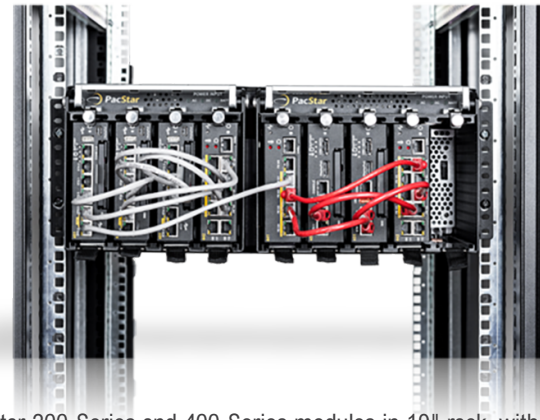
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## PacStar Rack-Mount Systems

For operations using PacStar 200-Series and 400-Series modules in standard 19" rack-mount installations such as in tents, fixed locations, or vehicles that have size, weight and power (SWaP) constraints, PacStar provides systems based on a family of rack-mount frames, shelves, and chassis.

Rack mount systems that use PacStar Smart Chassis and/or PacStar Universal Smart Chassis enable PacStar 200-Series and 400-Series modules to be operated in fixed racks in a variety of configurations, removed from racks in groups of enclaves and operated independently, or even operated independently as individual modules. These systems enable PacStar modules to quickly transition from a deployable configuration to a more permanent installation configuration and back again.



PacStar 200-Series and 400-Series modules in 19" rack, with Rack Mount Frame and PacStar Universal Smart Chassis with PacStar Smart Chassis

### PacStar 492 4-RU Rack Mount Frames

For applications that require high numbers of modules and/or PacStar Smart Chassis integration with PacStar Universal Smart Chassis, PacStar provides multiple 4 RU RMF options, each with up to two toolless, removeable PacStar Chassis, including:

#### Light

Designed for person-carry use cases where weight savings are critical. Mounts in 19" racks or PacStar CFTC transit case with up to 16 PacStar 200-Series modules, nine PacStar 400-Series modules, or a combination, depending upon mission needs.



PacStar 4 RU RMF (Light)

#### Rugged

Designed for vehicle mounted applications where shock and vibration resistance are critical. Mounts in 19" racks or PacStar FRTC with up to 16 PacStar 200-Series modules, nine PacStar 400-Series modules, or a combination, depending upon mission needs.



PacStar 4 RU RMF (Rugged)

### PacStar SAVE Frame

Standardized A-Kit / Vehicle Envelope (SAVE) compliant, ruggedized mounting solution for two (2) PacStar Smart Chassis, Universal Smart Chassis, or Radio Chassis.



## PacStar 200-Series Packaging and Accessories

## PacStar Custom Packaging

PacStar designs, manufactures and delivers custom suitcase-style packaging solutions meeting customer requirements. PacStar frequently utilizes proven Pelican Air with custom foam cut-outs, ensuring environmental protection and proper fit for the most demanding applications. PacStar works with customers to ensure foam designs are sufficient to meet MIL-STD transportation qualifications and can conduct qualification as needed with certified third-party test facilities. See the [PacStar Custom Packaging Solutions](#) data sheet for more details.



## PacStar 200-Series Accessories

### PacStar 200-Series HAIPE Device Mounting Plate

- Allows a KG-175N/250XS/250X encryptor to be mounted on the side of a PacStar 200-Series 3-Slot 140W Chassis

### PacStar KG-250X Power Cable

- Cable for PacStar 200-Series and PacStar 400-Series to KG-250X

### PacStar KG-250XS Power Cable

- Cable for PacStar 200-Series and PacStar 400-Series to KG-250XS
- Other cabling options for common military equipment

### PacStar 200-Series 2-Module Stability Clip

- (Spare) stability clip for use with PacStar 200-Series 2-slot power input and conversion adapter

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