

# aTCA-80606PD

## 6U 6-slot Dual-Star 40G AdvancedTCA® Shelf

### Features

- 19" Rackmount, 6U height, 438mm depth
- 6-slot dual-star topology Fabric Interface
- 6-slot standard Rear Transition Module
- Dual-bussed IPMB
- Hot-swappable IPMC controlled fan trays
- Two shelf management controller slots
- Dual -48 V DC power entry modules



**AdvancedTCA®**

### Specifications

#### Mechanical

19" Rackmount, 6U height, 438mm depth

#### Specification

Fits inside a 600 mm deep cabinet (include cable bend area)  
Supports 6-slot standard AdvancedTCA® blades and RTMs

#### Shelf Manager

Dual-hot-swappable Pigeon Point Systems ShMM-700 based ShMCs or built-in simple Shelf manager function in intelligent fan trays  
Active/Standby mode for high availability applications  
Supports multiple management interfaces:  
- Remote Management Control Protocol (RMCP)  
- Command Line Interface (CLI)  
- 10/100BASE-T Fast Ethernet ports and one serial console

#### Cooling System

Hot-swappable IPMC controlled fan trays  
Easily removable replaceable air filter

#### Backplane

Dual-Star topology Base Interface  
Dual-Star topology Fabric Interface  
Update channels for active/standby synchronization  
Dual-bussed IPMB

#### Power Input

-40 V DC to -72 V DC  
Nominal -48 V DC/ -60 V DC  
Dual redundant power entry modules  
Input nominal current 48V@66A (3170W)  
Weight: 19 kg

#### Operating Temp.

+5°C to +40°C (long term)  
-5°C to +55°C (short term)

#### Storage Temp.

-40°C to +70°C

#### Humidity

5% to 85%, non-condensing  
Dimensions: 483 x 264 x 438mm (W x H x D)  
Compliance: PICMG 3.0 Rev. 3.0 compatible  
Target Certifications: FCC, CE, UL

### Ordering Information

#### Shelves

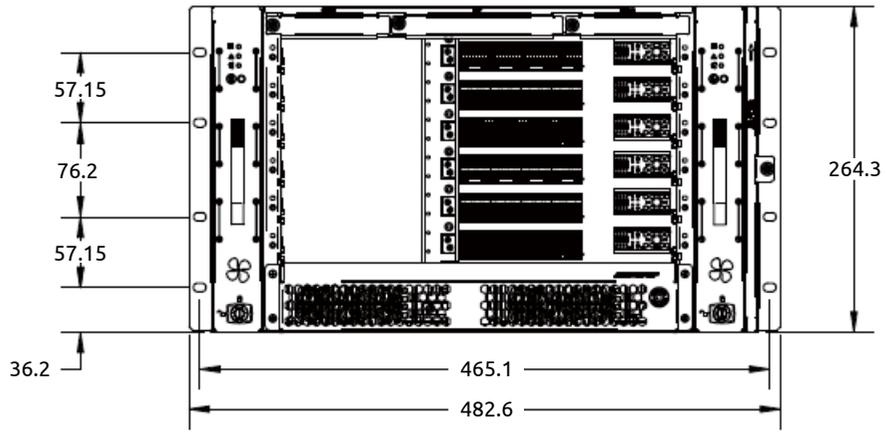
- **aTCA-8606PD/DS40AA**  
6U 6-slot Rackmount AdvancedTCA® Shelf, Dual-Star Fabric Topology, Dual-bussed IPMI Bus  
2 PPS ShMM-700 based ShMCs
- **aTCA-8606PD/DS40S**  
6U 6-slot Rackmount AdvancedTCA® Shelf, Dual-Star Fabric Topology, Dual-bussed IPMI Bus  
Built-in simple ShMC

#### ShMC (Optional)

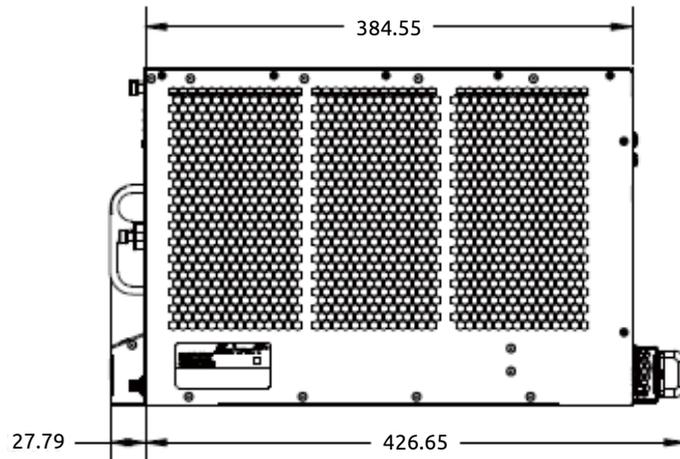
- **aTCA-8AP/ShMC700**  
Pigeon Point Systems ShMM-700 based ShMC

# Dimensions

Units: mm



Front View



Side View