

AdvancedTCA, 13U - 19" Rackmount DC



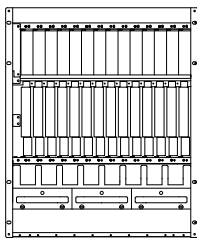
FEATURES:

- 13U high
- Holds 14 ATCA blades
- 14 slot dual star or full mesh backplane
- RTM (with 40 way slot cooling)
- Dual Shelf Managers
- Quad redundant 48VDC input
- 3 x removable fan trays
- 300 watts/slot cooling
- NEBS compliant removable air filter

SCOPE OF SUPPLY

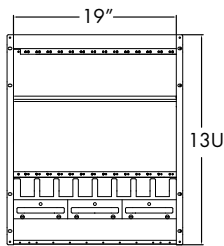
High quality 19" rackmount chassis platform consisting of pre-galvanized steel enclosures painted black: high performance PICMG 3.0 backplane, dual PEM (DC); cooling system and DC power components. Assembled, wired and tested prior to shipment.

ORDERING INFORMATION

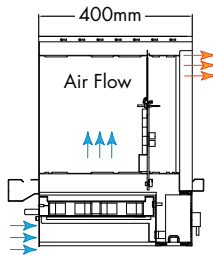


Description	Order Number
<ul style="list-style-type: none"> ■ 13 U H x 19" W x 400mm D ■ Holds 14, 8U x 280mm blades ■ Holds 14, 8U x 80mm cards, rear I/O ■ 3 x removable fan trays ■ 14 slot dual star backplane ■ Provision for dual Shelf Manager (not installed) ■ Quad 48VDC PEMs 	11A14FGCD8Y4VNXX

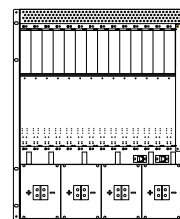
LINE DRAWINGS



Front View



Side View



Rear View

ENVIRONMENTAL

	Operating	Storage / Transit
Temperature:	0°C to +50°C	-20°C to +70°C
Altitude:	6000 ft. (1,829m)	50,000 ft. (15,240m)
Humidity:	5% to 95% Non condensing	5% to 95% Non condensing
Shock:	10 Gs @ 11ms	15 Gs @ 11ms (per ASTM 0775)
Vibration:	1.0 Gs @ 10 to 330 Hz	1.2 Gs @ 5 to 330 Hz
Agencies:	Designed to meet UL 1950, FCC Class A or B, CE	

CUSTOM CONFIGURATIONS



- NUMBER OF SLOTS BP
 - 00-21: Single BP; AY-YA: Split
 - 02 = 2 slot
 - 05 = 5 slot
 - 06 = 6 slot
 - 14 = 14 slot
- BP BARE BOARD
 - E = 1 x SM
 - F = 2 x SM (Bussed IPMB)
 - G = 2 x SM (Radial IPMB)
 - Z = Custom
- FABRIC ARCHITECTURE
 - F = Star
 - G = Dual Star
 - H = Mesh
 - J = Replicated Mesh
 - Z = Custom
- COOLING
 - A = 1 x Tray (plug in)
 - B = 2 x Tray (plug in)
 - C = 3 x Tray (Plug in)
 - Z = Custom
- HEIGHT
 - 1 = 1U
 - 2 = 2U
 - 4 = 4U
 - 5 = 5U
 - C = 12U
 - D = 13U
- WIDTH
 - 8 = 84 T
 - E = ETSI
- REAR I/O
 - N = No
 - Y = Yes
- DEPTH
 - 2 = 200 - 299mm
 - 3 = 300 - 399mm
 - 4 = 400 - 499mm
- CARD ORIENTATION
 - V = Vertical
 - H = Horizontal
- PSU INPUT
 - C = 90 - 230VAC (Fixed)
 - G = 90 - 230VAC (Plug-in)
 - H = 48VDC
 - M = Dual 48VDC
 - N = Quad 48VDC
 - P = 90-230VAC(2 x HS, N+1)
 - Q = 90-230VAC(3 x HS, N+1)
 - X = No PSU
- PSU OUTPUT
(NOT ALL PSU COMBINATIONS AVAILABLE)
 - 2 = 200 - 299 watts
 - 3 = 300 - 399 watts
 - 4 = 400 - 499 watts
 - 5 = 500 - 599 watts
 - 6 = 600 - 699 watts
 - 8 = 800 - 899 watts
 - A = 1000 - 1199 watts
 - B = 1200 - 1299 watts
 - C = 1600 - 1799 watts
 - D = 1800 - 1999 watts
 - E = 2000 - 2199 watts
 - F = 2200 - 2399 watts
 - G = 2400 - 2599 watts
 - H = 2600 - 2799 watts
 - X = Not Installed
- SHELF MANAGER (Installed)
 - R = 1 x Fixed
 - S = 1 x Plug in
 - D = 2 x Plug in
 - X = Not Installed

*NOTE: Elma's radial IPMB signals are radially connected across the backplane to the Shelf ManagerCarrier Card. The Shmm 500 IPM module resides on the carrier card where these connections are bussed.