

ACP20

Portable Climatic Rack Cabin

Protective Equipment Cases for housing and transporting of Electronic Equipment

APPLICATIONS

Border Armored UGV Targeting Radar **Comms mast**

SHOWN AT SAHA 2026, with a 19-inch rack fit-out

QUALIFIED TO **MIL-STD-810G · MIL-STD-461G**

CABIN HEIGHT	CHASSIS DEPTH	COOLING CAPACITY	MAINS VOLTAGE	MAINS FREQUENCY
10U	610 mm	1.500 W	220 VAC	50 Hz

MAIN FEATURES

Climate-Controlled Rack in a Transit Case

A vapor-compression cooling system of up to **1500 W**, with optional **750 W** or **1500 W** heater mats, keeps electronics inside their operating range in the field.

Shielded and Sealed

Conductive gaskets, wire mesh braid, embedded wire and a Faraday cage give EMI/EMC shielding, in a case qualified to MIL-STD-810G.

STANDARD CONFIGURATION

ACP20-10U-610-WDLY · Tolerance **±5 %**

PERFORMANCE PARAMETERS	
Locking Mechanism	**Butterfly Latch**
EMI/EMC Shielding	**Available**
Cooling Capacity	**1.500 W**
Cooling Type	**Vapor Compression Cycle**

ELECTRICAL & INTERFACE	
Mains Voltage	**220 VAC**
Mains Frequency	**50 Hz**
MECHANICAL DATA	
Wheel Type	**Wheel Dolly**

HOW TO ORDER

Every step, option and test: **Product Catalog, page 96**

PART NUMBER	**ACP20 – [cabin height] – [chassis depth] – [wheels] – [options]** · 30 build combinations
STEP 1 · CABIN HEIGHT	5 codes · Cabin Height 8U-18U
STEP 2 · CHASSIS DEPTH	3 codes · Chassis Depth 610-870 mm
STEP 3 · WHEEL OPTION	2 codes
OPTIONS	**ACVC** Air Conditioning **EMIP** EMI/EMC Protection **H075** Heating Power **H150** Heating Power **PRVL** Pressure Relief Valve **STPH** Stowage Pouch **MCNS** Mechanical Connection Set **DLYK** Four Wheel Dolly **CNPL** Connector Panel **CNPE** Connector Panel, EMI Filtered **SHTR** Support Shelf **LBST** Label Set **EMGS** EMI Gasket **PTBG** Paint **PTMG** Paint **PTGR** Paint **LG##** Label Language