

# COMM7

DESIGNED  
BUILT & TESTED  
BY

RAPID DEPLOYMENT  
COMMAND CENTER

morehouse 

## TECHNICAL DATA

NATO STOCK NUMBER: TBD  
NCAGE A546G

### Compliance With Standards

- ISO-EN 668, Series 1 freight containers – Classification, dimensions and ratings
- CSC approved
- STANAG 2413, Demountable load carrying platforms (DLCP/FLATRACKS)
- 2006/42/EEC, Machinery Directive
- STANAG 2895, Climatic Conditions

### Performance

- Automatic Leveling System
- Automatic Expanding System 3:1
- Plug & Play connections
- "Ready to Use" workstations

### Electrical Systems

- 230VAC / 400VAC
  - Main inlet 32A 400VAC
  - Storage inlet 16A 230VAC
- 24VDC battery system battery
  - battery capacity 55Ah
- UPS system 230VAC & 24VDC
  - battery capacity 600Ah

### UPS System

- battery capacity 600Ah
- AGM batteries
- integrated monitoring and testing system
- data collection and alarm system
- MCB panels
- equipped with wire rope isolators

### Cabling

- Power cabling
- coaxial cabling for RF- systems
  - 13 coaxial lines from equipment rack to signal panel
  - 6 coaxial lines from equipment rack to roof antennas
- RJ45 CAT6 cabling
  - 10 lines from equipment rack to signal panel
  - 24 lines in equipment rack to operating room
- fiber optical cabling
  - 6 lines from equipment rack to signal panel cabling for main displays

### Lighting

- 230VAC dimmable high power LED- panels
- 24VDC battery- powered LED- lights
- double-acting lighting mode, normal/ operation light

### Network/Server Rack

- 19" 600 x 600 x 1600 mm cabinet
  - equipped with wire rope isolators
  - 32U installation space
  - air filter for incoming air
  - panels for Coaxial, RJ45, Fiber optical connectors
- Ethernet Switch
- Ethernet router / Firewall
- Fiber optical KVM extender
- Media converters 3pcs.

### HVAC System

- Cooling unit, Dantherm AC-M5MKIII
- cooling capacity 4,7 kW (per unit)
- heating capacity 2,0 kW (per unit)
- integrated remote control unit
- Ventilation unit
  - Fresh air heating max. 3,3kW
  - heat recovery
  - F7 filter
  - Max. air flow 100l/s
  - integrated air quality monitoring (CO2)
- Heaters
  - room heater 1,2 kW
  - equipment rack heater 0,15 kW
- Diesel heater, Eberspächer Airtronic D5
  - 24VDC battery-powered unit
  - heating capacity 5,5 kW
  - fuel consumption 0,2 l/h-0,66 l/h
  - Independent control unit Eberspächer EasyStart Timer. Possible start and stop heater inside or outside of container.
  - 20 l + 20l fuel tanks
- Dehumidifier
  - airflow 50 m<sup>3</sup>/h
  - dehumidification capacity 0,2 kg/h (60 % RH, 20°)
  - controlled by humidistat

### Operating Room Equipment

- More7 operating chairs
  - Main display 29"
  - touch screen 21,5"
  - keyboard and mouse
  - Workstation computer
- Displays stand
  - 46" Screen 2pcs.
  - KVM fiber optical KVM-receiver

