

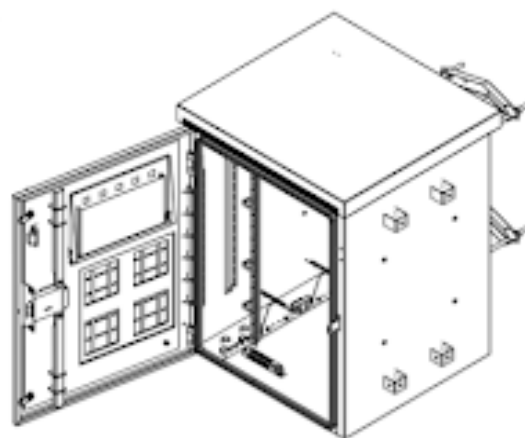
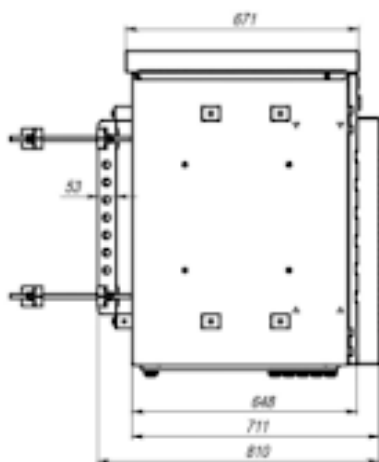
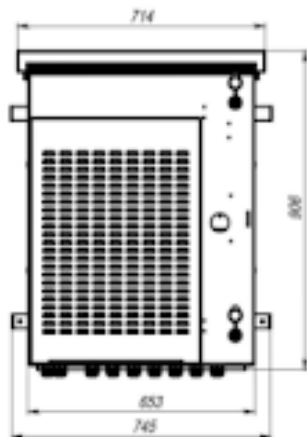
WALL-MOUNTED OUTDOOR CABINETS (ENCLOSURES)

1. Outdoor climate cabinet **GUARDIAN M TL2-19 17U A5.1**

Technical characteristics



Outer dimensions:	
Width, mm	745
Depth, mm	711
Height, mm	906
Base height, mm	-
Protection level	IP55
Outer plate	Galvanized steel 1.5 mm
Inner plate	Galvanized steel 0.65 mm
Insulation type	Alufoam 10 mm
Reaction to Fire Classification	B
Weight with equipment, kg	Up to 98
Colour	Light Grey RAL 7035
Battery shelves, quantity	-
Doors, quantity	1
Lock type	Mechanical, 3-point



Commercial part

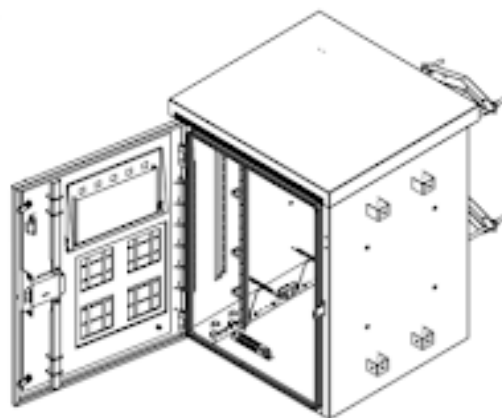
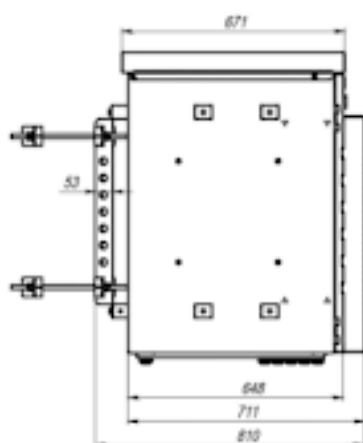
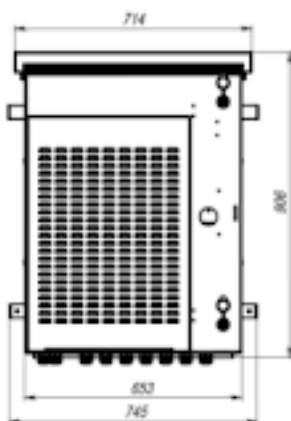
Climatic equipment, cooling	48 VDC exhaust fans
Climatic equipment, heating	External heater 400W 220 VAC
Monitoring unit	Combined with climate controller: - embedded WEB-interface - ETHERNET - survey via SNMP v2c, automatic traps
Sensors	Smoke sensor Flood sensor Door opening sensor Filter sensor
DC power supply	5U 12 kW DC PSS with 2 priority levels BLVD: 1x100A, 1x40A, 3x32A, 4x10A, 3x6A LLVD: 3x32A, 2X40A, 4x10A
Lightning protection	AC SPD I+II class
AC distribution panel	Input MCBs, MCBs for climate system and for PSS

2. Outdoor climate cabinet GUARDIAN M TL2-19 17U A5.2

Technical characteristics



Outer dimensions:	
Width, mm	745
Depth, mm	711
Height, mm	906
Base height, mm	-
Protection level	IP55
Outer plate	Galvanized steel 1.5 mm
Inner plate	Galvanized steel 0.65 mm
Insulation type	Alufoam 10 mm
Reaction to Fire Classification	B
Weight with equipment, kg	Up to 70
Colour	Light Grey RAL 7035
Battery shelves, quantity	2
Doors, quantity	1
Lock type	Mechanical, 3-point



Commercial part

Climatic equipment, cooling	48 VDC exhaust fans
Climatic equipment, heating	External heater 400W 220 VAC
Monitoring unit	should be connected to GUARDIAN M TL2-19 17U A5.1 cabinet
Sensors	Smoke sensor Flood sensor Door opening sensor Filter sensor
DC power supply	-
Lightning protection	-
AC distribution panel	-

Additional cabinet for GUARDIAN M TL2-19 17U A5.1 for battery placement. Includes 2 battery shelves.

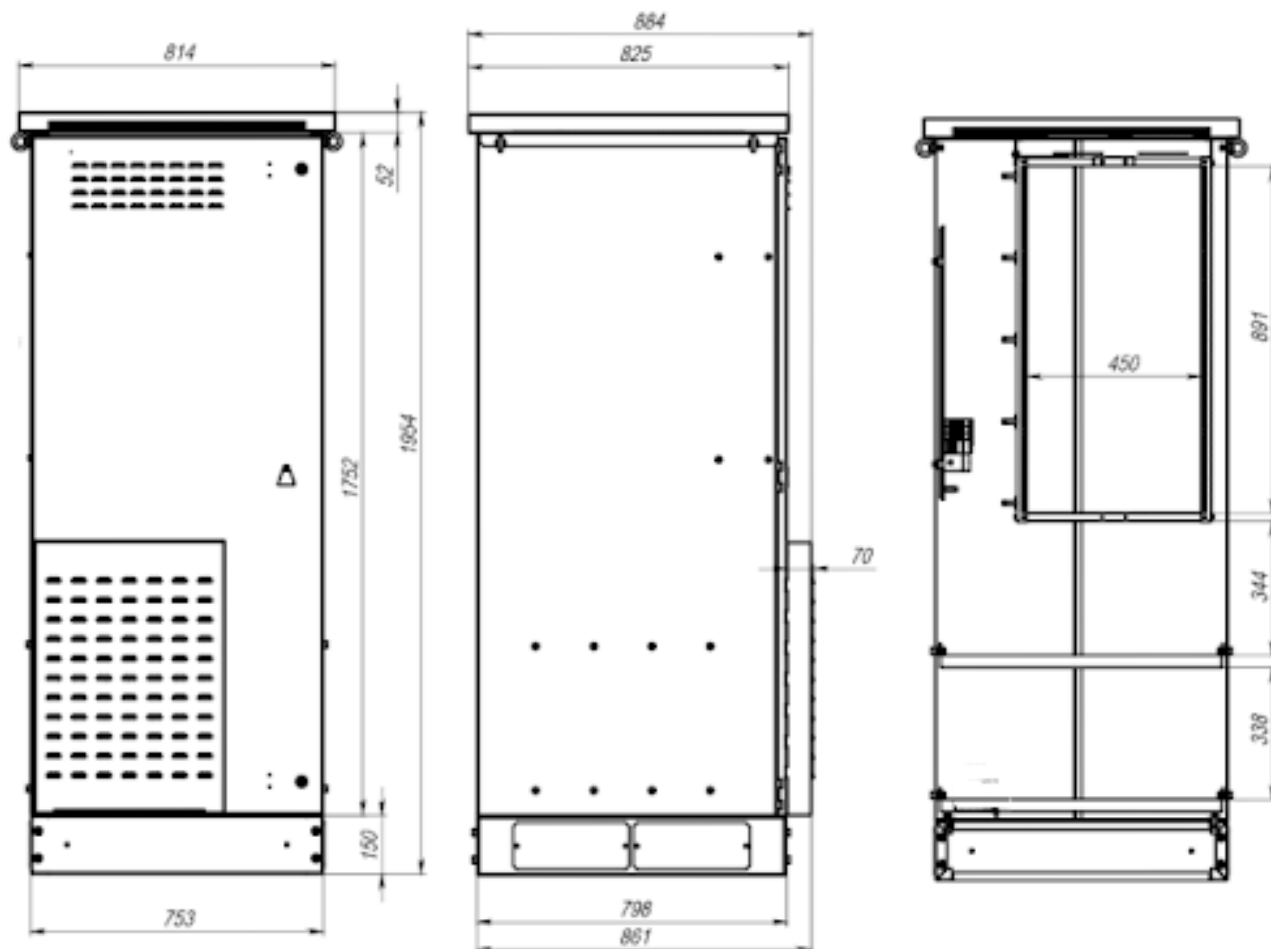
GROUND-MOUNTED OUTDOOR CABINETS (ENCLOSURES)

3. Outdoor climate cabinet GUARDIAN M TL2-19 20U A1

Technical characteristics



Outer dimensions:	
Width, mm	798 (861)
Depth, mm	750 (814)
Height, mm	1954
Base height, mm	150
Protection level	IP55
Outer plate	Galvanized steel 1.5 mm
Inner plate	Galvanized steel 0.65 mm
Insulation type	Alufoam 10 mm
Reaction to Fire Classification	B
Weight with equipment, kg	Up to 192
Climate system type	combined input and exhaust fans
Climate system cooling performance	up to 530 CFM
Climate system voltage	48 VDC
Climate system cooling regulation	PWM
Climate system heating type	Separate heater
Climate system heating power	600 W
Colour	Light Grey RAL 7035
Battery shelves, quantity	2
Doors, quantity	1
Lock type	Mechanical, 3-point



Commercial part

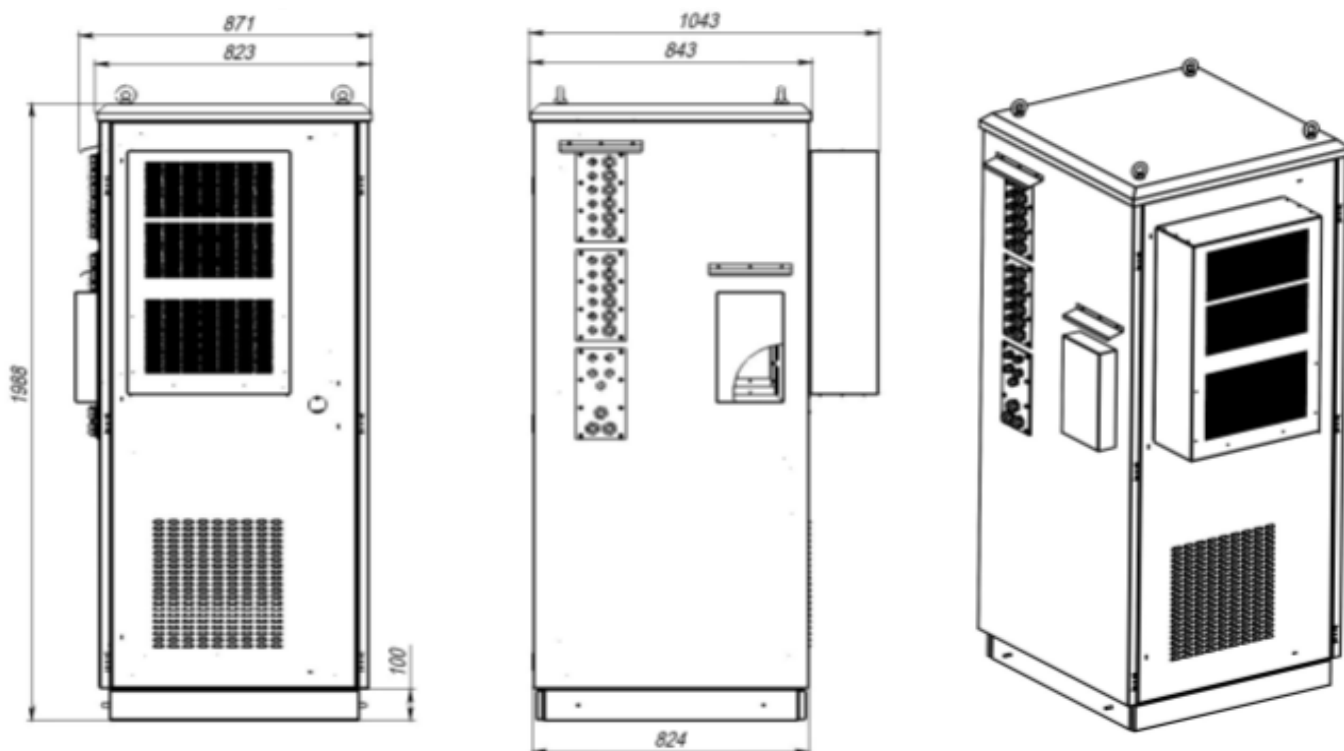
Climatic equipment, cooling	48 VDC input and exhaust fans
Climatic equipment, heating	Separate heater 600W 220 VAC
Monitoring unit	Combined with climate controller: <ul style="list-style-type: none">- embedded WEB-interface- ETHERNET- survey via SNMP v2c, automatic traps sending
Sensors	Smoke sensor Flood sensor Door opening sensor Filter sensor
DC power supply	5U 12 kW DC PSS with 2 priority levels BLVD: 1x100A, 1x40A, 3x32A, 4x10A, 3x6A LLVD: 3x32A, 2x40A, 4x10A
Lightning protection	AC SPD I+II class
AC distribution panel	Input MCBs, MCBs for climate system and for PSS

4. Outdoor climate cabinet **GUARDIAN M TL2-19 20U A1**

Technical characteristics



Outer dimensions:	
Width, mm	800 (870)
Depth, mm	825 (1043)
High, mm	1988
Base height, mm	100
Protection level	IP55
Outer plate	Galvanized steel 1.5-2.0 mm
Inner plate	Galvanized steel 0.8 mm
Insulation type	Basalt mineral wool 50 mm
Reaction to Fire Classification	A1
Weight with equipment, kg	Up to 240
Climate system type	combined Air conditioner and exhaust fans
Climate system cooling performance , cond	2000 W
Climate system cooling performance , exhaust fans	up to 530 CFM
Climate cooling system voltage, cond	230 VAC
Climate cooling system voltage, fans	48 VDC
Climate cooling system regulation, fans	PWM
Climate system heating type	Built-in into air conditioner
Climate system heating power	1000 W
Color	RAL 7035
Battery shelves, quantity	2
Doors, quantity	1
Lock type	Mechanical, 3-point



Commercial part

Climatic equipment, cooling

Combined 2000 W AC air conditioner unit and DC exhaust fans on top

Climatic equipment, heating

Built-in heater 1000W 220 VAC

Monitoring unit

Combined with climate controller:
 - embedded WEB-interface
 - ETHERNET
 - survey via SNMP v2c, automatic traps sending

Sensors

Smoke sensor
 Flood sensor
 Door opening sensor
 Hit sensor

DC power supply

5U 12 kW DC PSS with 2 priority levels
 BLVD: 1x100A, 1x40A, 3x32A, 4x10A, 3x6A
 LLVD: 3x32A, 2x40A, 4x10A

Lightning protection

AC SPD II class

AC distribution panel

Input MCBs, MCBs for climate system and for PSS