RACK CABINETS

19″ weatherproof IP66 rack cabinet

New Design

New Packaging

DESCRIPTION

The IP66 weatherproof cabinets with 19″ rack are characterized by their high resistance to corrosion, watertightness, and wear. Their spacious interior provides greater usable width and height. They are equipped with approved water-repellent seals on the exterior doors, ensuring watertightness and ideal internal temperature stability for installation in areas with extreme temperatures or polluted industrial environments. They are manufactured from 1.5 and 2 mm thick steel sheet with a polyester paint finish. The interior design allows for easy installation of 19″ equipment, mounting plates, separators, DIN rails, etc.

APPLICATIONS

- Signage or lighting
- Weather stations
- Telecommunications (data, fiber optics, video surveillance)
- Dirty or polluted environments
- Acidic or saline environments (INOX range)

OPENET**ICS**
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PHYSICAL CHARACTERISTICS

• Full IP66-certified protection with sealed holes.
• Includes standard rain gutter canopy.
• Easy installation of forced ventilation (reducing the degree of protection to IP55).
• 19-inch profiles.
• Excellent mechanical properties and high torsional strength.
• Injected water-repellent joint, preventing moisture from accumulating.
• Ample interior space.
• Concealed hinges.
• Double-pallet closures.
• Maintenance-free throughout its lifetime.
• Cable entry with cable glands to maintain IP66 rating.

Packaging unit	1

OPTIONS NOT INCLUDED

• Stainless steel locks.
• Special designs and paintings on demand.
• Optional ventilation slots.
• Air intake grille with filters.
• 100 mm high plinth to raise the cabinet and improve cable accessibility.
• Ventilation panel with thermostat (IP 55).
• Metal or insulating mounting plates.
• Wall mounting brackets.

Ventilation panel
(optional)

Holes for
wall mount

Covered side
ventilation holes

Possibility of replacing
the air intake grille with
filters

DIN rail (400 mm)

Gland press

Plinth (optional)

REGULATIONS

Degree of protection against dust and water	IP66 according to EN 62208 and EN 60529
Degree of mechanical resistance to impact	IK10 according to IEC 62208 and EN 50102
Environmental resistance tests (humidity, salt spray)	IEC 60068-2-30 and IEC 60068-2-11
Compliance with EU low voltage directive	EC 2006/95/EC
Resistance to impacts with sharp objects	EN 60439-5

TECHNICAL SPECIFICATIONS

Material	Galvanized steel / stainless steel
Ranking	IP66 - IK10
Color	RAL 7035 Epoxy - polyester
Maximum operating voltage	1000 V
Working temperature range	From -20°C to +80°C
Height	27.1 inches / 33.5 inches / 41.1 inches / 49.7 inches
Width	610 mm
Depth	500 mm
Frame height	12 U, 16 U, 20 U, and 25 U

COMMERCIAL INFORMATION

REFERENCE	DESCRIPTION	MATERIAL	NO. U	STOP	WIDTH	PROF.
1266IPAG	19″ IP 66 12U cabinet	Steel galvanized	12 U	681	610	500
1666IPAG	19″ IP 66 16U cabinet	Steel galvanized	16 U	859	610	500
2066IPAG	19″ IP 66 20U cabinet	Steel galvanized	20 U	1037	610	500
2566IPAG	19″ IP 66 25U cabinet	Steel galvanized	25 U	1259	610	500
1266IPAI	19″ IP 66 12U cabinet	Steel stainless	12 U	681	610	500
1666IPAI	19″ IP 66 16U cabinet	Steel stainless	16 U	859	610	500
2066IPAI	19″ IP 66 20U cabinet	Steel stainless	20 U	1037	610	500
2566IPAI	19″ IP 66 25U cabinet	Steel stainless	25 U	1259	610	500

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OPTIONAL ACCESSORIES

REFERENCE	DESCRIPTION	COMPATIBLE MODEL
66ZAEG	600x500x100 mm base for IP66 watertight rack	Galvanized steel
66IPVAG	Galvanized steel ventilation panel	Galvanized steel
66IPVAG-W	Smart series ventilation panel in galvanized steel	Galvanized steel
66REAF	Air intake grille with filters.	Galvanized steel
66CP	Smart door contact	Galvanized steel / stainless steel
66SMAG	Galvanized steel wall mounting accessory	Galvanized steel
66ZAEI	600x500x100 mm stainless steel base for IP66 watertight rack	Stainless steel
66IPVAI	Stainless steel ventilation panel	Stainless steel
66IPVAI-W	Stainless steel ventilation panel, Smart series	Stainless steel
66SMAI	Stainless steel wall mounting accessory	Stainless steel

THERMAL MANAGEMENT ACCESSORIES

REFERENCE	DESCRIPTION	COMPATIBLE MODEL
27692	250 W 230 V heating element	Galvanized steel / stainless steel
2761	Air conditioning equipment 600W / 230MHz	Galvanized steel / stainless steel
2066IPAG-P	Door for 2066IPAG stamped for mounting 2761	Galvanized steel
2566IPAG-P	Door for 2566IPAG stamped for mounting 2761	Galvanized steel
2066IPAI-P	Door for 2066IPAI, die-cut for mounting 2761	Stainless steel
2566IPAI-P	Door for 2566IPAI die-cut for mounting 2761	Stainless steel

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MEASURES

Ø40 Ø25 Ø16

465
450
610
506.4
44.45
H1 H2 H3 H4
400
600
475.4
499.8