

PU cabinet



CABINET DESCRIPTION:

Series of PU cabinets is a family of single-wall aluminium cabinets for outdoor use. Wide range of sizes and internal equipment make this product an ideal solution for telecommunication, power industry and industry. Adaptation of almost full functionality of indoor cabinets makes PU cabinet fully configurable for many atypical projects requirements. Installation of mounting plate, construction of 19" or 21" rack plane is easy operation dependable on suitable selection of elements according to configuration chart.

CONFIGURATION:

PU cabinets are delivered in default configuration:

1. Cabinet frame
2. 100mm plinth
3. Fractionated floor
4. Roof
5. Front doors (full or perforated)
6. Back and side wall
7. Internal equipment in obedience to customer requirements

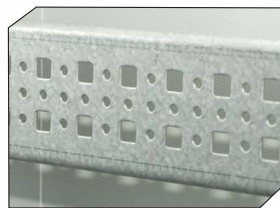
TECHNICAL DATA:

Construction: aluminium, riveting and screwed, protection rating IP 55

Material: #2mm aluminium sheet

Surface finishing: powder-painted coating

Construction details



Mounting support



Protective cloth filter



Documents pocket



Doors hinge



Vertically divided doors sealing



Doors lock mechanism

TABLE OF PRE-CONFIGURED 1250MM PU OUTDOOR CABINETS

Dimensions									Page of catalogue
Width (W) mm	650	650	850	850	1050	1050	1250	1250	52
Height (H) mm	1250	1250	1250	1250	1250	1250	1250	1250	
Depth (D) mm	450	550	450	550	450	550	450	550	
Total width with roof (W2) mm	680	680	880	880	1080	1080	1280	1280	
Height with roof and plinth (H2) mm	1375	1375	1375	1375	1375	1375	1375	1375	
Depth with roof (D2) mm	480	580	480	580	480	580	480	580	
Catalogue No. of cabinet with full doors	UH016124	UH016125	UH018124	UH018125	UH010124	UH010125	UH012124	UH012125	
Catalogue No. of cabinet with full doors with air-filter	UH036124	UH036125	UH038124	UH038125	UH030124	UH030125	UH032124	UH032125	
Top panel assembly									
Fan tray panel unequipped	UH070400	UH070400	UH070400	UH070400	UH070400	UH070400	UH070400	UH070400	
Fan for tray mounting -48 VDC	KA200010	KA200010	KA200010	KA200010	KA200010	KA200010	KA200010	KA200010	146
Fan for tray mounting -230 IN AC	KA200000	KA200000	KA200000	KA200000	KA200000	KA200000	KA200000	KA200000	146
Thermostat	KA100010	KA100010	KA100010	KA100010	KA100010	KA100010	KA100010	KA100010	169
Plinth / Bottom plate									
Complete plinth, 100mm									
Complete floor sheet multisectional IP 55									
Bottom plate with cable gland seal type 1	UG080511	UG080511	UG080511	UG080511	UG080511	UG080511	UG080511	UG080511	
Bottom plate with cable gland seal type 2	UG080521	UG080521	UG080521	UG080521	UG080521	UG080521	UG080521	UG080521	
Bottom plate with cable gland seal type 3	UG080531	UG080531	UG080531	UG080531	UG080531	UG080531	UG080531	UG080531	
Frame for cementing	UH080664	UH080665	UH080684	UH080685	UH080604	UH080605	UH080624	UH080625	
Concrete foundation	UH080764	UH080765	UH080784	UH080785	UH080704	UH080705	UH080724	UH080725	
Accessories									
Mounting plate	NG170612	NG170612	NG170812	NG170812	NG170012	NG170012	NG170212	NG170212	162
Mounting plate assembly kit	UH179002	UH179002	UH179002	UH179002	UH179002	UH179002	UH179002	UH179002	
Mounting adapter for building 19"/21" constructions	UH179001	UH179001	UH179001	UH179001	1)	1)	1)	1)	
Deep-seated bracket for 19" profile rails	2xNA150104	2xNA150105	2xNA171984	2xNA171985	1)	1)	1)	1)	154
Deep-seated bracket for 21" profile rails	-	-	2xNA171184	2xNA171185	1)	1)	1)	1)	
Profile rails 19" type „B” – 24U	NA170224	NA170224	NA170224	NA170224	1)	1)	1)	1)	153
Profile rails metrical	NG185120	NG185120	NG185120	NG185120	1)	1)	1)	1)	
Accessories and equipment 19"	Details on pages 134-169								
Elements of voltage switchgear	Details on pages 92-109								
Replaceable insert of door filter	KA100101	KA100101	KA100101	KA100101	KA100101	KA100101	KA100101	KA100101	
Cable eyes rail	NA088070	NA088070	NA088090	NA088090	NA088110	NA088110	NA088130	NA088130	
Cable eyes	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	68
Electrical equipment									
Heater 250W	KG101250	KG101250	KG101250	KG101250	KG101250	KG101250	KG101250	KG101250	168
Copper grounding rail	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	166



Additional information:

- basic equipment

1) - build prepared by manufacturer based on detailed project guidelines

TABLE OF PRE-CONFIGURED 1450MM PU OUTDOOR CABINETS

Dimensions									Page of catalogue
Width (W) mm	650	650	850	850	1050	1050	1250	1250	52
Height (H) mm	1450	1450	1450	1450	1450	1450	1450	1450	
Depth (D) mm	450	550	450	550	450	550	450	550	
Total width with roof (W2) mm	680	680	880	880	1080	1080	1280	1280	
Height with roof and plinth (H2) mm	1575	1575	1575	1575	1575	1575	1575	1575	
Depth with roof (D2) mm	480	580	480	580	480	580	480	580	
Catalogue No. of cabinet with full doors	UH016144	UH016145	UH018144	UH018145	UH010144	UH010145	UH012144	UH012145	
Catalogue No. of cabinet with full doors with air-filter	UH036144	UH036145	UH038144	UH038145	UH030144	UH030145	UH032144	UH032145	
Top panel assembly									
Fan tray panel unequipped	UH070400	UH070400	UH070400	UH070400	UH070400	UH070400	UH070400	UH070400	
Fan for tray mounting -48 VDC	KA200010	KA200010	KA200010	KA200010	KA200010	KA200010	KA200010	KA200010	146
Fan for tray mounting -230 IN AC	KA200000	KA200000	KA200000	KA200000	KA200000	KA200000	KA200000	KA200000	146
Thermostat	KA100010	KA100010	KA100010	KA100010	KA100010	KA100010	KA100010	KA100010	169
Plinth / Bottom plate									
Complete plinth, 100mm									
Complete floor sheet multisectional IP 55									
Bottom plate with cable gland seal type 1	UG080511	UG080511	UG080511	UG080511	UG080511	UG080511	UG080511	UG080511	
Bottom plate with cable gland seal type 2	UG080521	UG080521	UG080521	UG080521	UG080521	UG080521	UG080521	UG080521	
Bottom plate with cable gland seal type 3	UG080531	UG080531	UG080531	UG080531	UG080531	UG080531	UG080531	UG080531	
Frame for cementing	UH080664	UH080665	UH080684	UH080685	UH080604	UH080605	UH080624	UH080625	
Concrete foundation	UH080764	UH080765	UH080784	UH080785	UH080704	UH080705	UH080724	UH080725	
Accessories									
Mounting plate	NG170614	NG170614	NG170814	NG170814	NG170014	NG170014	NG170214	NG170214	162
Mounting plate assembly kit	UH179002	UH179002	UH179002	UH179002	UH179002	UH179002	UH179002	UH179002	
Mounting adapter for building 19"/21" constructions	UH179001	UH179001	UH179001	UH179001	1)	1)	1)	1)	
Deep-seated bracket for 19" profile rails	2xNA150104	2xNA150105	2xNA171984	2xNA171985	1)	1)	1)	1)	154
Deep-seated bracket for 21" profile rails	-	-	2xNA171184	2xNA171185	1)	1)	1)	1)	
Profile rails 19" type„B" – 29U	NA170229	NA170229	NA170229	NA170229	1)	1)	1)	1)	153
Profile rails metrical	NG185140	NG185140	NG185140	NG185140	1)	1)	1)	1)	
Accessories and equipment 19"	Details on pages 134-169								
Elements of voltage switchgear	Details on pages 92-109								
Replaceable insert of door filter	KA100101	KA100101	KA100101	KA100101	KA100101	KA100101	KA100101	KA100101	
Cable eyes rail	NA088070	NA088070	NA088090	NA088090	NA088110	NA088110	NA088130	NA088130	
Cable eyes	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	68
Electrical equipment									
Heater 250W	KG101250	KG101250	KG101250	KG101250	KG101250	KG101250	KG101250	KG101250	168
Copper grounding rail	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	166



Additional information:

- basic equipment

1) - build prepared by manufacturer based on detailed project guidelines

TABLE OF PRE-CONFIGURED 1650MM PU OUTDOOR CABINETS

Dimensions									Page of catalogue
Width (W) mm	650	650	850	850	1050	1050	1250	1250	52
Height (H) mm	1650	1650	1650	1650	1650	1650	1650	1650	
Depth (D) mm	450	550	450	550	450	550	450	550	
Total width with roof (W2) mm	680	680	880	880	1080	1080	1280	1280	
Height with roof and plinth (H2) mm	1775	1775	1775	1775	1775	1775	1775	1775	
Depth with roof (D2) mm	480	580	480	580	480	580	480	580	
Catalogue No. of cabinet with full doors	UH016164	UH016165	UH018164	UH018165	UH010164	UH010165	UH012164	UH012165	
Catalogue No. of cabinet with full doors with air-filter	UH036164	UH036165	UH038164	UH038165	UH030164	UH030165	UH032164	UH032165	
Top panel assembly									
Fan tray panel unequipped	UH070400	UH070400	UH070400	UH070400	UH070400	UH070400	UH070400	UH070400	
Fan for tray mounting -48 VDC	KA200010	KA200010	KA200010	KA200010	KA200010	KA200010	KA200010	KA200010	146
Fan for tray mounting -230 IN AC	KA200000	KA200000	KA200000	KA200000	KA200000	KA200000	KA200000	KA200000	146
Thermostat	KA100010	KA100010	KA100010	KA100010	KA100010	KA100010	KA100010	KA100010	169
Plinth / Bottom plate									
Complete plinth, 100mm									
Complete floor sheet multisectional IP 55									
Bottom plate with cable gland seal type 1	UG080511	UG080511	UG080511	UG080511	UG080511	UG080511	UG080511	UG080511	
Bottom plate with cable gland seal type 2	UG080521	UG080521	UG080521	UG080521	UG080521	UG080521	UG080521	UG080521	
Bottom plate with cable gland seal type 3	UG080531	UG080531	UG080531	UG080531	UG080531	UG080531	UG080531	UG080531	
Frame for cementing	UH080664	UH080665	UH080684	UH080685	UH080604	UH080605	UH080624	UH080625	
Concrete foundation	UH080764	UH080765	UH080784	UH080785	UH080704	UH080705	UH080724	UH080725	
Accessories									
Mounting plate	NG170616	NG170616	NG170816	NG170816	NG170016	NG170016	NG170216	NG170216	162
Mounting plate assembly kit	UH179002	UH179002	UH179002	UH179002	UH179002	UH179002	UH179002	UH179002	
Mounting adapter for building 19"/21" constructions	UH179001	UH179001	UH179001	UH179001	1)	1)	1)	1)	
Deep-seated bracket for 19" profile rails	2xNA150104	2xNA150105	2xNA171984	2xNA171985	1)	1)	1)	1)	154
Deep-seated bracket for 21" profile rails	-	-	2xNA171184	2xNA171185	1)	1)	1)	1)	
Profile rails 19" type „B” – 33U	NA170233	NA170233	NA170233	NA170233	1)	1)	1)	1)	153
Profile rails metrical	NG185160	NG185160	NG185160	NG185160	1)	1)	1)	1)	
Accessories and equipment 19"	Details on pages 134-169								
Elements of voltage switchgear	Details on pages 92-109								
Replaceable insert of door filter	KA100101	KA100101	KA100101	KA100101	KA100101	KA100101	KA100101	KA100101	
Cable eyes rail	NA088070	NA088070	NA088090	NA088090	NA088110	NA088110	NA088130	NA088130	
Cable eyes	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	68
Electrical equipment									
Heater 250W	KG101250	KG101250	KG101250	KG101250	KG101250	KG101250	KG101250	KG101250	168
Copper grounding rail	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	166



Additional information:

- basic equipment

1) - build prepared by manufacturer based on detailed project guidelines

TABLE OF PRE-CONFIGURED 1850MM PU OUTDOOR CABINETS

Dimensions									Page of catalogue
Width (W) mm	650	650	850	850	1050	1050	1250	1250	52
Height (H) mm	1850	1850	1850	1850	1850	1850	1850	1850	
Depth (D) mm	450	550	450	550	450	550	450	550	
Total width with roof (W2) mm	680	680	880	880	1080	1080	1280	1280	
Height with roof and plinth (H2) mm	1975	1975	1975	1975	1975	1975	1975	1975	
Depth with roof (D2) mm	480	580	480	580	480	580	480	580	
Catalogue No. of cabinet with full doors	UH016184	UH016185	UH018184	UH018185	UH010184	UH010185	UH012184	UH012185	
Catalogue No. of cabinet with full doors with air-filter	UH036184	UH036185	UH038184	UH038185	UH030184	UH030185	UH032184	UH032185	
Top panel assembly									
Fan tray panel unequipped	UH070400	UH070400	UH070400	UH070400	UH070400	UH070400	UH070400	UH070400	
Fan for tray mounting -48 VDC	KA200010	KA200010	KA200010	KA200010	KA200010	KA200010	KA200010	KA200010	146
Fan for tray mounting -230 IN AC	KA200000	KA200000	KA200000	KA200000	KA200000	KA200000	KA200000	KA200000	146
Thermostat	KA100010	KA100010	KA100010	KA100010	KA100010	KA100010	KA100010	KA100010	169
Plinth / Bottom plate									
Complete plinth, 100mm	UH070400	UH070400	UH070400	UH070400	UH070400	UH070400	UH070400	UH070400	
Complete floor sheet multisectional IP 55	KA200010	KA200010	KA200010	KA200010	KA200010	KA200010	KA200010	KA200010	
Bottom plate with cable gland seal type 1	KA200000	KA200000	KA200000	KA200000	KA200000	KA200000	KA200000	KA200000	
Bottom plate with cable gland seal type 2	KA100010	KA100010	KA100010	KA100010	KA100010	KA100010	KA100010	KA100010	
Bottom plate with cable gland seal type 3	UG080531	UG080531	UG080531	UG080531	UG080531	UG080531	UG080531	UG080531	
Frame for cementing	UH080664	UH080665	UH080684	UH080685	UH080604	UH080605	UH080624	UH080625	
Concrete foundation	UH080764	UH080765	UH080784	UH080785	UH080704	UH080705	UH080724	UH080725	
Accessories									
Mounting plate	NG170618	NG170618	NG170818	NG170818	NG170018	NG170018	NG170218	NG170218	162
Mounting plate assembly kit	UH179002	UH179002	UH179002	UH179002	UH179002	UH179002	UH179002	UH179002	
Mounting adapter for building 19"/21" constructions	UH179001	UH179001	UH179001	UH179001	1)	1)	1)	1)	
Deep-seated bracket for 19" profile rails	2xNA150104	2xNA150105	2xNA171984	2xNA171985	1)	1)	1)	1)	154
Deep-seated bracket for 21" profile rails	-	-	2xNA171184	2xNA171185	1)	1)	1)	1)	
Profile rails 19" type„B" – 24U	NA170238	NA170238	NA170238	NA170238	1)	1)	1)	1)	153
Profile rails metrical	NG185180	NG185180	NG185180	NG185180	1)	1)	1)	1)	
Accessories and equipment 19"	Details on pages 134-169								
Elements of voltage switchgear	Details on pages 92-109								
Replaceable insert of door filter	KA100101	KA100101	KA100101	KA100101	KA100101	KA100101	KA100101	KA100101	
Cable eyes rail	NA088070	NA088070	NA088090	NA088090	NA088110	NA088110	NA088130	NA088130	
Cable eyes	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	68
Electrical equipment									
Heater 250W	KG101250	KG101250	KG101250	KG101250	KG101250	KG101250	KG101250	KG101250	168
Copper grounding rail	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	166

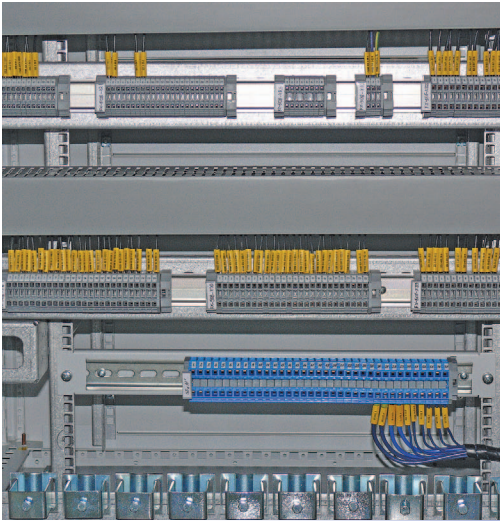


Additional information:

- basic equipment

1) - build prepared by manufacturer based on detailed project guidelines

Example of PU cabinet use



PU cabinet serves for building of electrical and electronic apparatus of control systems, automation and others. Cabinet is equipped with mounting plate and cable junctions.



PU cabinet with cable junctions and electrical apparatus may be used for electric power distribution. It allows to go round from low-voltage cables path and supply receiver with internal power-supply line. Cabinets can perform role of arterial and end-line joints.



PU cabinet serves for building of electrical and electronic of control systems, automation and others. Cabinet is equipped in panels with hole plugs for modular apparatus, panels with hole plugs for NH switches, tubes for metering devices and others.



PU cabinet is equipped in 19" rack with possibility of adding accessories for cable penetration and mounting devices in 19" standard and others like that.