CAR PORT

Smart Port

Instruction Manual

Thank you for purchasing our product.

Please read this instruction manual carefully before installation to use the product for a long time.

- Carport is simple building just for car. Do not use it for other purpose
- Installation is your responsibility. We recommend you to consult a professional to ensure proper installation. Installation by a person without expertise may cause defects.

Precautions on Installation

Because improper handling of aluminum products during installation may cause abnormal corrosion, resulting in unexpected troubles, please pay attention to the following points.

- 1. Using sea sand for making mortar may cause corrosion due to its high salt content. Please avoid use of sea sand or wash it thoroughly before using it at mortar.
- 2. Make it sure not to attach mortar or concrete extract on the surface and inside of the aluminum products during construction.
- 3. Mortar or concrete which adheres to an aluminum product during installation must be removed quickly. Take extreme care when handling the product because scratches on the surface may cause corrosion.
- 4. Avoid contact of aluminum products with dissimilar metals such as copper plate and lath. If their contact is inevitable, cover the surface with a plastic tape or insulate it with paint, etc.
- 5. When adhesive bonds or chemicals which may cause corrosion are used for installation, avoid contact of them with aluminum products, or completely cure the portions where contact may occur.
- 6. The foundation drawing indicates the depth of embedding of the product. Pay sufficient attention to the amount (volume) of the foundation concrete when embedding the product in a weak ground. When the product is to be used in cold districts where frost heave is likely to occur, place foundation to the frost heave line or lower.
- 7. When a carport is to be installed on an inclined ground, secure sufficient embedding depth of the posts at the lower places of the ground.
- 8. Please confirm that the product fits the climate condition (wind, snow, etc.) at the installation site.
- 9. Do not install the product in a place where the thunderbolts lash a product directly in order to prevent damage.
- 10. Avoid installation of the product in areas where strong winds blow, especially on cliff tops, on the rooftop, or on the pathway of the wind.
- Avoid installation of the product at places with large vertical difference such as cliff edge. In windy areas, install the product in such a direction that it may not be flutte



in such a direction that it may not be fluttered by wind. This product should be installed only on the ground. If the product is installed on a high place above the second floor, the product may be damaged by strong wind.

- 12. Constructor must work by wearing the working clothes and protective equipment properly when constructing carport.
- 13. Please put items or equipment in order, and ensure the security especially collapse and falling down while working in a high place and intensity of illumination by light in construction site.
- 14. Please make sure the security by each other, and check the operator's health and implement the health management.
- 15. In case of an accident, rescue the people immediately.
- 16. To remove water from the post, make a weep hole (ϕ 6) after embedding of the post. Without the hole, moisture in the post may be expanded if frozen, resulting in damage to the post.
- 17. Please check again after completion of the installation work if the screws used for the work are tighten up well.
- 18. Do not modify or remodel the product.

* Please return this manual to the product owner after completion of the work.

Pre-installation Preparation The following items are packed in each carton case. Please check the numbers of packages and parts of each model.

■ PACKAGE CONTENTS

			Package Nos.															
		Models			Main	h			Hea	Roofing Heat blocking Heat absorbing								Total
			Members					polycarbonate			polycarbonate			plate				
		SMP-(P) <k>[B]2125</k>	1	11	16	25	203	3 101 P75		K75	plate		B75			7 packages		
		SMP-(P) <k>[B]2150</k>	1	11	17	26	203	101	P75	P75		K75	K75		B75	B75		8 packages
		SMP-(P) <k>[B]2156</k>	1	11	18	27	203	101	P75	P75	P76	K75	K75	K76	B75	B75	B76	9 packages
	eight	SMP-(P) <k>[B]2550</k>	2	12	19	28	201	101	P71	P71		K71	K71		B71	B71		8 packages
	ard h	SMP-(P) <k>[B]2556</k>	2	12	20	29	201	101	P71	P71	P72	K71	K71	K72	B71	B71	B72	9 packages
	Stand	SMP-(P) <k>[B]2850</k>	3	13	21	30	201	101	P73	P73		K73	K73		B73	B73		8 packages
		SMP-(P) <k>[B]2856</k>	4	14	22	31	201	101	P73	P73	P74	K73	K73	K74	B73	B73	B74	9 packages
		SMP-(P) <k>[B]3150</k>	5	15	23	32	201	101	P79	P79		K79	K79		B79	B79		8 packages
c unit		SMP-(P) <k>[B]3156</k>	5	15	24	33	201	101	P79	P79	P80	K79	K79	K80	B79	B79	B80	9 packages
Basi		SMPE-(P) <k>[B]2125</k>	6	11	<mark>16</mark>	25	203	101	P75			<mark>K75</mark>			B75			7 packages
		SMPE-(P) <k>[B]2150</k>	6	11	17	26	203	101	P75	P75		K75	K75		B75	B75		8 packages
		SMPE-(P) <k>[B]2156</k>	6	11	18	27	203	101	P75	P75	P76	K75	K75	K76	B75	B75	B76	9 packages
	eight	SMPE-(P) <k>[B]2550</k>	7	12	19	28	201	101	P71	P71		K71	K71		B71	B71		8 packages
	ded h	SMPE-(P) <k>[B]2556</k>	7	12	20	29	201	101	P71	P71	P72	K71	K71	K72	B71	B71	B72	9 packages
	Exten	SMPE-(P) <k>[B]2850</k>	8	13	21	30	201	101	P73	P73		K73	K73		B73	B73		8 packages
		SMPE-(P) <k>[B]2856</k>	9	14	22	31	201	101	P73	P73	P74	K73	K73	K74	B73	B73	B74	9 packages
		SMPE-(P) <k>[B]3150</k>	10	15	23	32	201	101	P79	P79		K79	K79		B79	B79		8 packages
		SMPE-(P) <k>[B]3156</k>	10	15	24	33	201	101	P79	P79	P80	K79	K79	K80	B79	B79	B80	9 packages
		LSMP-(P) <k>[B]2150</k>	1	11	17	34	203	104	P75	P75		K75	K75		B75	B75		8 packages
		LSMP-(P) <k>[B]2156</k>	1	11	18	35	203	104	P75	P75	P76	K75	K75	K76	B75	B75	B76	9 packages
	ght	LSMP-(P) <k>[B]2550</k>	2	12	19	36	201	104	P71	P71		K71	K71		B71	B71		8 packages
	rd hei	LSMP-(P) <k>[B]2556</k>	2	12	20	37	201	104	P71	P71	P72	K71	K71	K72	B71	B71	B72	9 packages
	anda	LSMP-(P) <k>[B]2850</k>	3	13	21	38	201	104	P73	P73		K73	K73		B73	B73		8 packages
ts	St	LSMP-(P) <k>[B]2856</k>	4	14	22	39	201	104	P73	P73	P74	K73	K73	K74	B73	B73	B74	9 packages
lti-uni		LSMP-(P) <k>[B]3150</k>	5	15	23	40	201	104	P79	P79		K79	K79		B79	B79		8 packages
al mu		LSMP-(P) <k>[B]3156</k>	5	15	24	41	201	104	P79	P79	P80	K79	K79	K80	B79	B79	B80	9 packages
tudina		LSMPE-(P) <k>[B]2150</k>	6	11	17	34	203	104	P75	P75		K75	K75		B75	B75		8 packages
Longi		LSMPE-(P) <k>[B]2156</k>	6	11	18	35	203	104	P75	P75	P76	K75	K75	K76	B75	B75	B76	9 packages
	ight	LSMPE-(P) <k>[B]2550</k>	7	12	19	36	201	104	P71	P71		K71	K71		B71	B71		8 packages
	ed he	LSMPE-(P) <k>[B]2556</k>	7	12	20	37	201	104	P71	P71	P72	K71	K71	K72	B71	B71	B72	9 packages
	xtend	LSMPE-(P) <k>[B]2850</k>	8	13	21	38	201	104	P73	P73		K73	K73		B73	B73		8 packages
	ш́	LSMPE-(P) <k>[B]2856</k>	9	14	22	39	201	104	P73	P73	P74	K73	K73	K74	B73	B73	B74	9 packages
		LSMPE-(P) <k>[B]3150</k>	10	15	23	40	201	104	P79	P79		K79	K79		B79	B79		8 packages
		LSMPE-(P) <k>[B]3156</k>	10	15	24	41	201	104	P79	P79	P80	K79	K79	K80	B79	B79	B80	9 packages

Parts List

Package Nos.	Component names	Part names	Shape	Q'TY	Package Nos.	Component names	Part names	Shape	Q'TY
K1	Post (A) 2 pieces	Post (A)		2	K6	Extended post (A) 2 pieces	Extended post (A)	₹ <u></u>	2
K2	Post (B) 2 pieces	Post (B)	$\underbrace{\overleftarrow{}}_{\cdot}$	2	K7	Extended post (B) 2 pieces	Extended post (B)	$\underbrace{\overleftarrow{}}_{\cdot}$	2
К3	Post (C) 2 pieces	Post (C)	→	2	K8	Extended post (C)	Extended post	♦	2
K4	Post (D) 2 pieces	Post (D)		2	К9	Extended post (D) 2 pieces	Extended post	♦	2
K5	Post (E) 2 pieces	Post (E)	♦	2	K10	Extended post (E) 2 pieces	Extended post	÷	2
K11	Rising beam (A) 2 pieces	Rising beam (A)		2		2 0000	Front frame (50)		1
K12	Rising beam (B) 2 pieces	Rising beam (B)		2			Roof purline (50)		3
K13	Rising beam (C) 2 pieces	Rising beam (C)		2	K19	Depth set (2550)	Rear frame (50)		1
K14	Rising beam (D) 2 pieces	Rising beam (D)		2			Water pipe	()) L=3300	1
K15	Rising beam (E) 2 pieces	Rising beam (E)		2			Roof cushioning		36
		Front frame (25)		1			Front frame (56)		1
		Roof purline (25)		2		Depth set (2556)	Roof purline (56)		3
K16	Depth set (2125)	Rear frame (25)		1	K20		Rear frame (56)		1
		Water pipe	() L=1000,L=2300	1 of each			Water pipe	()) L=3300	1
		Roof cushioning		36			Roof cushioning		36
		Front frame (50)		1			Front frame (50)		1
		Roof purline (50)		2			Roof purline (50)		3
K17	Depth set (2150)	Rear frame (50)		1	K21	Depth set (2850)	Rear frame (50)		1
		Water pipe	()) L=3300	1			Water pipe	()) L=3300	1
		Roof cushioning		36			Roof cushioning		36
		Front frame (56)		1			Front frame (56)		1
	Depth set	Roof purline (56)		2		Depth set	Roof purline (56)		3
К18	(2156)	Rear frame (56)		1	K22	(2856)	Rear frame (56)		1
		Water pipe	0	1			Water pipe	0	1
		Roof cushioning		36			Roof cushioning		36

Package Nos.	Component names	Part names	Shape	Q'TY	Package Nos.	Component names	Part names	Shape	Q'TY	
		Front frame (50)		1			Collar beam (21)		8	
		Roof purline (50)		4			Roof holder (21)		8	
K23	Depth set (3150)	Rear frame (50)	V	1	K27	Frontage set (2156)	Side frame L (21)		1	
		Water pipe	()) L=3300	1			Side frame R (21)	81	1	
		Roof cushioning		36			End roof holder (21)	ļ	2	
		Front frame (56)		1			Collar beam (25)		7	
		Roof purline (56)		4			Roof holder (25)			
K24	Depth set (3156)	Rear frame (56)	V J	1	K28	Frontage set (2550)	Side frame L (25)			
		Water pipe	()) L=3300	1			Side frame R (25)	a l	1	
		Roof cushioning		36			End roof holder (25)	F	2	
		Collar beam (21)		3			Collar beam (25)		8	
		Roof holder (21)	ET (B	3			Roof holder (25)		8	
K25	Depth set (2125)	Side frame L (21)		1	K29	Frontage set (2556)	Side frame L (25)		1	
		Side frame R (21)		1			Side frame R (25)		1	
		End roof holder (21)	F	2			End roof holder (25)	R	2	
		Collar beam (21)		7			Collar beam (28)		7	
		Roof holder (21)		7			Roof holder (28)		7	
K26	Depth set (2150)	Side frame L (21)		1	K30	Frontage set (2850)	Side frame L (28)		1	
		Side frame R (21)		1			Side frame R (28)		1	
		End roof holder (21)	<u> </u>	2			End roof holder (28)		2	

Package Nos.	Component names	Part names	Shape	Q'TY	Packa Nos	Compon	ent names	Part names	Shape	Q'TY
		Collar beam (28)		8	KP74	Ro (27) Heat blocking p	oofing 1 sheet polycarbonate plate	Roofing (27) Heat blocking polycarbonate plate		1
		Roof holder (28)		8	KP7	Ro (20) 4 Heat blocking	oofing 4 sheets polycarbonate plate	Roofing (20) Heat blocking polycarbonate plate		4
K31	Frontage set (2856)	Side frame L (28)		1	KP76	Ro (20) Heat blocking	oofing 1 sheet polycarbonate plate	Roofing (20) Heat blocking polycarbonate plate		1
		Side frame R (28)		1	KP79	Ro (30) 4 Heat blocking p	oofing 1 sheets polycarbonate plate	Roofing (30) Heat blocking polycarbonate plate		4
		End roof holder (28)	<u> </u>	2	KP80	Ro (30) Heat blocking	oofing 1 sheet polycarbonate plate	Roofing (30) Heat blocking polycarbonate plate		1
		Collar beam (31)		7	KK7 [,]	Ro (24) Heat blocking p	oofing 4 sheets polycarbonate plate	Roofing (24) Heat blocking polycarbonate plate		4
		Roof holder (31)	ę, j. ę	7	KK72	Ro (24) Heat blocking	oofing 1 sheet polycarbonate plate	Roofing (24) Heat blocking polycarbonate plate		1
K32	Frontage set (3150)	Side frame L (31)		1	KK7:	Ro (27) 4 Heat blocking	oofing 4 sheets polycarbonate plate	Roofing (27) Heat blocking polycarbonate plate		4
		Side frame R (31)		1	KK74	Ro (27) Heat blocking p	oofing 1 sheet polycarbonate plate	Roofing (27) Heat blocking polycarbonate plate		1
		End roof holder (31)) L (B)	2	KK7	Ro (20) 4 Heat blocking p	oofing 1 sheets polycarbonate plate	Roofing (20) Heat blocking polycarbonate plate		4
		Collar beam (31)		8	KK70	Ro (20) Heat blocking	oofing 1 sheet polycarbonate plate	Roofing (20) Heat blocking polycarbonate plate		1
		Roof holder (31)	ę, , , , , ,	8	KK79	Ro (30) Heat blocking p	oofing 4 sheets polycarbonate plate	Roofing (30) Heat blocking polycarbonate plate		4
K33	Frontage set (3156)	Side frame L (31)		1	KK80	Ro (30) Heat blocking (oofing 1 sheet polycarbonate plate	Roofing (30) Heat blocking polycarbonate plate		1
		Side frame R (31)		1	KB7 [,]	Ro (24) 4 Polycarb	oofing 4 sheets oonate plate	Roofing (24) Polycarbonate plate		4
		End roof holder (31)) – LÉ	2	KB72	Ro (24) Polycarb	oofing 1 sheet oonate plate	Roofing (24) Polycarbonate plate		1
K201	Joint 2 pieces	Joint		2	KB7	Ro (27) 4 Polycarb	oofing 4 sheets oonate plate	Roofing (27) Polycarbonate plate		4
K203	MW joint 2 pieces	MW joint		2	KB74	Ro (27) Polycarb	oofing 1 sheet oonate plate	Roofing (27) Polycarbonate plate		1
KP71	Roofing (24) 4 sheets Heat blocking polycarbonate plate	Roofing (24) Heat blocking polycarbonate plate		4	KB7	Ro (20) Polycarb	oofing 4 sheets oonate plate	Roofing (20) Polycarbonate plate		4
KP72	Roofing (24) 1 sheet Heat blocking polycarbonate plate	Roofing (24) Heat blocking polycarbonate blate		1	KB76	Ro (20) Polycarb	oofing 1 sheet oonate plate	Roofing (20) Polycarbonate plate		1
	Roofing (27) 4	Roofing (27)	~		KB79	Ro (30) 4 Polycarb	oofing 1 sheets oonate plate	Roofing (30) Polycarbonate plate		4
KP73	sheets Heat blocking polycarbonate plate	Heat blocking polycarbonate plate		4	KB80	Ro (30) Polycarb	ofing 1 sheet ponate plate	Roofing (30) Polycarbonate plate		1
K101	Basic Parts Box (25•50•56)	Front frame corner cap L/R		1 of each	K34	Multi-un set (iit frontage (2150)	Collar beam (21)		8

Package Nos.	Component names	Part names	Shape	Q'TY		Package Nos.	Component names	Part names	Shape	Q'TY
		Rear frame corner cap L/R		1 of each				Roof holder (21)		8
		Ascend beam cap	Ũ	2				0 # .		
		Post cap	,	2		K35	Multi-unit frontage set (2156)	Collar beam (21)		9
		Hole stopper		1				Roof holder (21)	ţz -	9
		Packing		2				Collar beam (25)		8
		Attachment		1		K36	Multi-unit frontage set (2550)	Roof holder (25)		8
		Elbow	000	2						
		Drain elbow		1		K37	Multi-unit frontage set (2556)	Collar beam (25)	<u>es lles</u>	9
		Pipe Holder A		3				Roof holder (25)		9
		Pipe Holder B		3				Collar beam (28)		8
		Adhesive		1	KJB	Multi-unit frontage		لك نب ت مبت سن		
		Blindfold seal		1		1.00	set (2850)	Roof holder (28)		8
		Anchor stick (φ9)	0)	2				Collar boom		
		Hexagonal bolt (with	anna (CA			1/00	Multi-unit frontage	(28)		9
		plain/spring washer) M8 × 25L Pan-bead		16		К39	set (2856)	Roof holder (28)		9
		self-drill screw q4×16L		105				Caller		
		Pan-head self-drill screw φ4x19L		5		K40	Multi-unit frontage	(31)		8
		Washer Head Screw φ5 × 12L		175			sei (3150)	Roof holder (31)		8
		Sealing material	$\langle () \rangle$	1				Collar beam	λO	
		Instruction manual		1		K41	Multi-unit frontage	(31)		9
		Notes		1			set (3156)	Roof holder (31)		9

Package Nos.	Component names	Part names	Shape	Q'TY		Package Nos.	Component names	Part names	Shape	Q'TY
		Front frame connecting material		1				Pipe holder A	Ċ	3
		Roof purline connecting material		4				Pipe Holder B		3
		Rear frame connecting material		1				Adhesive	<u>ک]</u>	1
		Ascend beam cap	beam 2 Blindfold	Blindfold seal		1				
	Longitudinal	Post cap		2			Longitudinal	Anchor stick (φ9)	۵	2
K104	parts box $(50 \cdot 56)$	Hole stopper		1		K104	parts box (50 · 56)	Hexagonal bolt (with plain/spring washer) M8 × 25L		16
		Packing		2				Pan-head self-drill screw φ4×16L		115
		Attachment		1				Pan-head self-drill screw φ4×19L		5
		Elbow	R	2				Washer head screw φ5×12L		175
		Drain elbow		1				Sealing material	$\langle \hline)$	1
			Build	ina	P	roce	ess			
Inst	all the pro	duct in the	numerical orde	er (1	\rightarrow 2	7)·(In the ca	ase of longitud	dinal
	nection ref	for to 8	and Q)	. ([•				lee of forighter	annan
CC	OMPLETION	DRAWING								
				\gg						
				14	Þ			Installation 3 purline, an	of front frame, roof d rear frame	
Inst	allation of a							\wedge		
				/				//	6 Installation of roofing	
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				6		/	KO		<i>X</i>	
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Installat 2 rising b	tion of post and eam					Z)	S/			
						S)				
								Installation of side	e frame, collar beam, and	
										_
							Installation location	in the o multi-u	nit	
							Undergrounding p	oost 8 Conr 9 Insta conr	nection of front frame, roo ne, and rear frame llation of collar beam at th ecting section	r Ie





3 Installation of front frame, roof purline, and rear frame

1. Insert the ascend beam cap in the rising beam, and firmly fix the front frame to the front section of rising beam with pan-head self-drill screws.

Note) Be sure to fix the front frame after inserting the ascend beam cap in the rising beam.



- 2. Attach cushioning to the location about 250 mm from the notched edge of the roof purline.
- 3. Firmly fix the fin section of the roof purline (surface to be installed) to the rising beam with pan-head self-drill screws.



4. Put the post cap over the joint, and firmly fix the rear frame to the joint with pan-head self-drill screws. Note) If the post is transferred, make a hole of φ4.5 in the front frame, roof purline, and rear frame which match the ascend beam. Attach the blindfold seal over the existing holes.



Installation of side frame, collar beam, and corner cap



- 2. Insert the front frame corner cap and the rear frame corner cap in the side frame.
- 3. Fix the side frame and collar beam to the front frame, roof purline, and rear frame with pan-head self-drill screws.
- 4. The locations where the side frame and collar beam are screwed with pan-head self-drill screws are shown in the cross-sectional view of installation. Do not tighten the screws at other locations.
- Note 1) The roof purline has no holes.

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- Note 2) The side frame has the predetermined right and left sides. Be sure to attach the front seal facing to the front frame side.
- Note 3) The collar beam has the fixed front-rear direction. Be sure to attach the front seal facing to the front frame side.
- Note 4) In mounting a collar beam to the roof purlines, screw the collar beam at either right or left side alternately (in the staggered form).
- Note 5) The numbers of roof purlines are 2 pieces for frontage 21 size, 3 pieces for frontage 25/28 sizes, and 4 pieces for frontage 31 size.



5 Undergrounding post

- 1. Perform concrete construction after the main unit scaffold is completely constructed,
- Perform precise positioning of the post foundation referring to the installation drawing of the installation location 1.
- 3. Insert anchor sticks in the bottom of the posts. (Fig. 1)
- 4. Confirm that the distance, verticality, and parallelism of the posts, roof inclination, and diagonal dimension of the roof are correct.
- 5. Pour concrete.
- 6. Make a weep hole (ϕ 6) in the post. (Fig. 2)



Front frame corner cap L

aling material

Front fram

6 Installation of roofing

- 1. Remove the protection sheet for roofing, and insert roofing in the roof support on the front frame side. Then, set it up toward the rear frame side.
- 2. Push the roofing against the roof support of rear frame and completely insert it.
- 3. Push the roof holder against the front frame and mount it while holding the roofing down.
- 4. Seal the joint portion between the front frame and the roof holder.
- 5. Seal the joint portion between the rear frame corner cap and the rear frame.
- Note 1) Install roofing after checking for the surfaces of roofing, i.e., the surface to be exposed to sunlight (outside) and the surface not to be exposed to sunlight (inside).
- Note 2) When heat absorbing polycarbonate (clear mat) is used, install roofing with the unlevel surface inside.
- Note 3) When roofing isn't fully inserted in the roof support, there is possibility that the roofing comes off due to the blowing wind pressure.



Note 5) Protrusion of the sealing material at the connected portion shall be wiped off carefully.



Installation of a rainwater pipe

- 1. Cut the water pipe into appropriate length pieces on site.
- 2. Attach the packing and attachment to the rear frame with pan-head self-drill screws.
- 3. Mount the pipe holders B to three points of the post with pan-head self-drill screws. Set the mounting location considering workability and draining location.
- 4. Set the pipe holders A around the water pipe, and set the water pipe by putting the pipe holders A in the pipe holders B and fixing it.
- Apply adhesive onto the attachment, elbow, and lateral water spout, and connect them as shown in the drawing. (Portions indicated with the arrows)
- 6. Close the holes other than those used for mounting the water pipe at the rear frame section with hole stoppers.



Installation of collar beam at the connecting section

- 1. Position the roof support in the center of the roofing.
- Make holes of φ4.2 or less as shown in the figure because the collar beam (at the portions to be attached to the roof purline) has a hole only on one side.
- 3. Fix the collar beam to the front frame, roof purline, and rear frame with pan-head self-drill screws.
 - Note 1) The roof purline has no holes.

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- Note 2) The collar beam has the fixed front-rear direction. Be sure to attach the front seal facing to the front frame side.
- Note 3) Mount the collar beam to the roof purlines by screwing the beam at both right and left sides.



Dear customers

Thank you for buying our products. For continued enjoyment and satisfaction, please pay attention to the following:

1. Take good care of the instruction manual.

2. Wipe up grime with a cleanly cloth regularly for using the carport for a long time.

3. Use a mild detergent for maintenance, please do not use a petroleum solvent such as a paint thinner.

- 4. In case of Typ 60, shovel snow on the roof of the carport before snow cover reaches 20cm.
- 5. Do not shake, climb, hang down, suspend, and put heavy stuff on the carport.

•For improvement purposes we reserve the right to change the contents. Thank you for your understanding.

FOR MORE INFORMATION, PLEASE MAKE INQUIRIES TO DISTRIBUTOR WHICH YOU PURCHASED.

C C C I I I I I I I I I I I I I I I I I
EN1090-1
Metallic frame of Carport Smart Port
Tolerances on geometrical data: EN1090-2. Weldability: Equivalent steel S280GD according to EN10214. Fracture toughness: 27 Joule at 0°C. Reaction to fire: NPD. Release of cadmium: NPD. Emission of radioactivity: NPD. Durability: Surface preparation according to EN1090-2, preparation grade P1.
<u>Structural characteristics:</u> <u>Load bearing capacity:</u> Design according to EN1990. <u>Manufacturing:</u> According to component specification EN1090-1, execution class EXC2.