

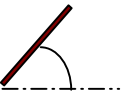
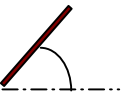
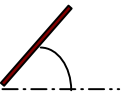

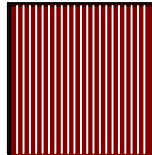



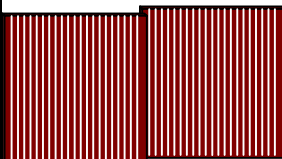
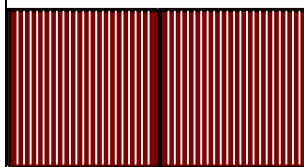
Attachment A : Instruction for using KANEKA PV modules

Item	Prohibited acts	Assumed risks	Importance	Remarks
Installation and maintenance	Getting on the glass part of module	It breaks module.	Should be avoided	You should get on the frame part with rubber-soled shoes in order to avoid slipping.
	Getting on the glass part of module with your shoes attached with sand or hard things	It makes small scratches which break the glass with heat.	Prohibited	You must clean up your shoes.
	Cleaning the PV modules with solvents	It causes deterioration of the glass, EVA and a cover film .	Prohibited	Please consult with Kaneka in order to check if the usage of solvent is allowed.
	Dismantlement of the PV modules	It causes an electrical hazard or an injury.	Prohibited	You must not dismantle the PV modules.
	Installation of broken PV modules	It causes insulation defectives which cause fatal PV system errors.	Prohibited	You must replace broken PV modules with normal PV modules.
	Touching the top of the connector	It causes an electrical hazard.	Prohibited	You must not touch it especially with wet hands.
	Connecting more than 5 modules in series.	It causes overload to the modules.	Prohibited	Max system voltage of the modules is 530V.
	Incomplete cable connecting 	It causes electric disconnection or electric shock.	Prohibited	You must connect cables firmly. 


Attachment A : Instruction for using KANEKA PV modules

Item	Prohibited acts	Assumed risks	Importance	Remarks
Design /1	 <p>Installation with angle less than 15° with every module</p>	It causes dirt accumulation on the glass or inside of frames.	Not recommended	
	 <p>Installation with angle less than 10° for modules without Butyl seal</p>	It causes dirt accumulation on the glass or inside of frames that cause deterioration of durability.	Prohibited	
	 <p>Installation with angle less than 5° for modules with Butyl seal</p>	It causes dirt accumulation on the glass or inside of frames that cause deterioration of durability.	Prohibited	
	<p>Installation without the design of the strength against wind pressure, especially toward outside, considering the way of installation of the modules</p>	It causes a lack of the strength or the durability.	Prohibited	Calculation of strength must be done and experimental test is recommended if necessary.
	 <p>Installation of the modules with the strings horizontally.</p>	In cases that accumulated dirt covers up a string and power generation of the string stops completely, the power of the module declines a lot, which makes durability deterioration.	Prohibited	 <p>You must set the modules with the strings vertically.</p>

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Item	Prohibited acts	Assumed risks	Importance	Remarks
Design /2	Installation of the modules upside down	It causes that rainwater stay inside of the frames and thus causes deterioration of durability.	Prohibited	You must follow the instruction "INSTALL THIS SIDE UP" indicated in the labels of the rear side of the modules.
	 Putting furniture or clips whose shade cover up one string completely for a long time	It causes great decline of power or durability deterioration.	Prohibited	The degree of decline fluctuates according to the quantity of scattered light.
	 Having one string under shade completely for a long time (The figure shows the modules overlap with each other.)	It causes great decline of power.	Prohibited	 You must set the modules without overlap each other.

Attachment A : Instruction for using KANEKA PV modules

Item	Prohibited acts	Assumed risks	Importance	Remarks
Installation and environmental condition Installation and environmental condition	 Installation method that makes the frames holds rainwater around the modules by blocking up the drain hole of the frames.	It causes decline of power by accumulated dirt on the glass or great influence on the modules with accumulated dirt into the frame. It also causes that rainwater stay inside of the frames and thus causes deterioration of durability.	Prohibited	You must make holes in the rails so that rainwater can drain well. You must also keep apart the vertically adjoining modules at least by 3 mm for the sake of the drainage of the module-frames.
	Installation without the ground of the module-frames	It causes an electrical hazard.	Not recommended	The module-frames must be electrically grounded according to national laws and regulations.
	Installation nearby the seashore	It damages modules from salty breeze or salt water.	Prohibited	You must install PV system at least 500m away from the seashore.
	Installation in heavy snowfall area	In case that snow is piling up on module more than module's loading capacity, the module breaks.	Prohibited	You must install PV system, considering the strength of PV system design against snowfall.