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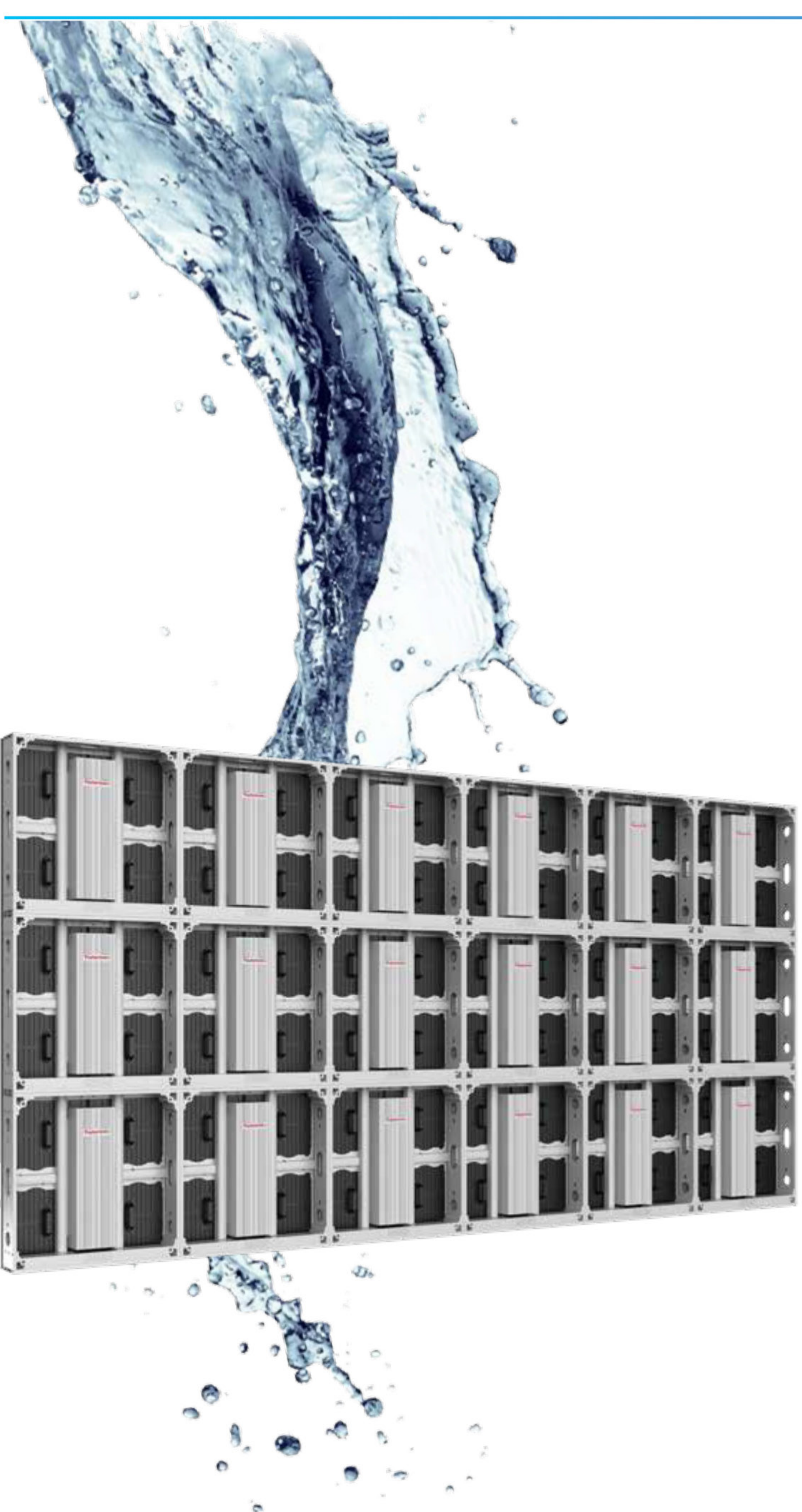
WG HD Series

Fixed Install Outdoor HD LED Panel.
Multi-layered waterproof design.

WG HD SERIES 1.9mm, 2.5mm, 2.8mm, 3.9mm

2024 WG HD SERIES FIXED OUTDOOR LED MADE BY TAYLORLEDS

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WG HD Series: High-Definition, Durable, and Weather-Resistant Outdoor LED Solutions

The WG HD Series builds upon the durable design of the WG Series, now offering high-definition clarity for outdoor signage, sports arenas, and advertising displays.

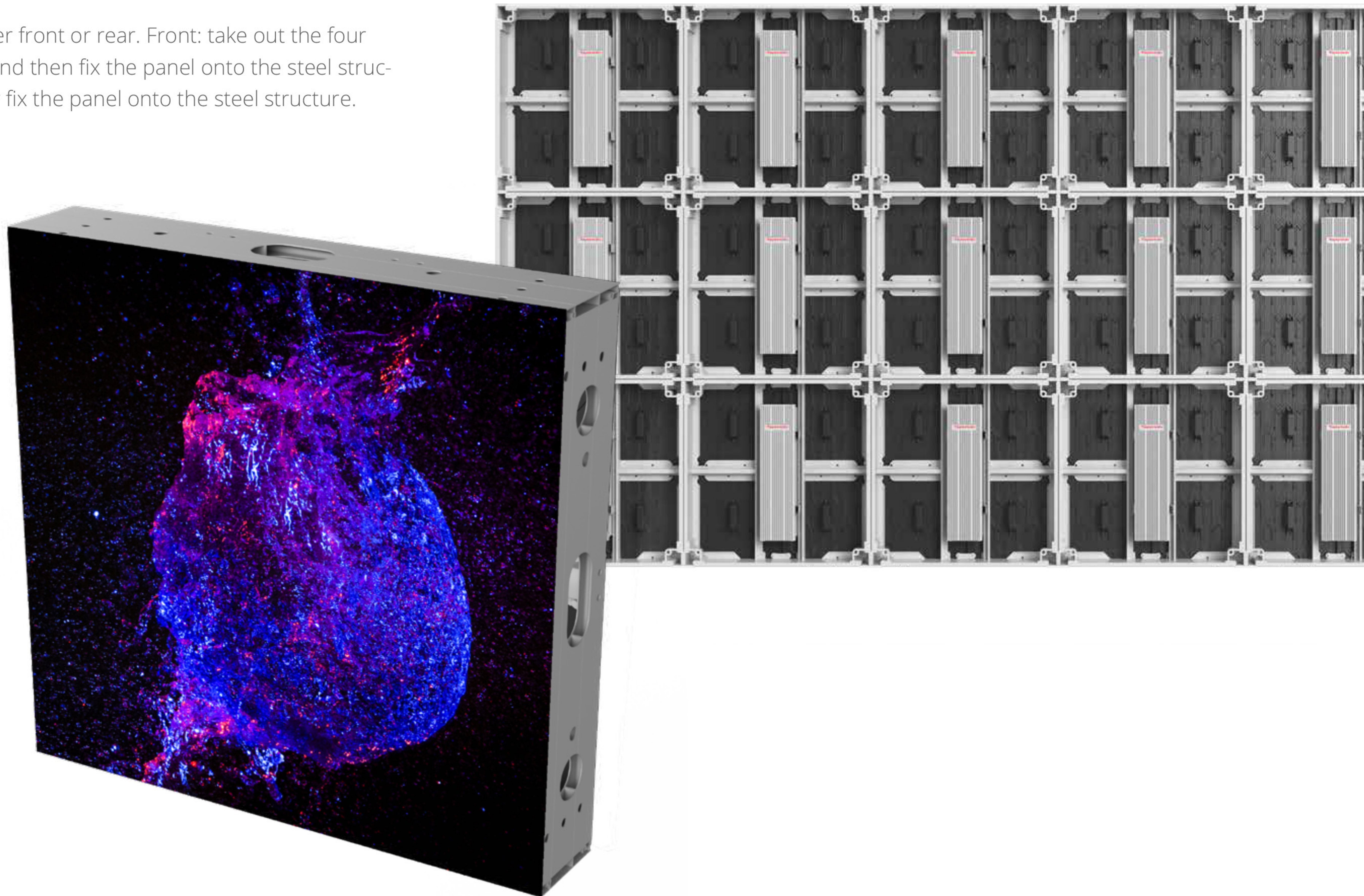
With updated pixel pitches, panel and module dimensions, the WG HD Series delivers sharper, more detailed visuals while maintaining the same robust, multi-layered waterproof construction. Specialized coatings on the modules, panels, and power boxes ensure long-lasting performance in any weather.

Designed for easy front and rear access, the WG HD Series simplifies installation and maintenance, making it a reliable, high-performing solution for outdoor environments.

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Install

Install can be either front or rear. Front: take out the four corner modules, and then fix the panel onto the steel structure. Rear: directly fix the panel onto the steel structure.



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Front & Rear Serviceable

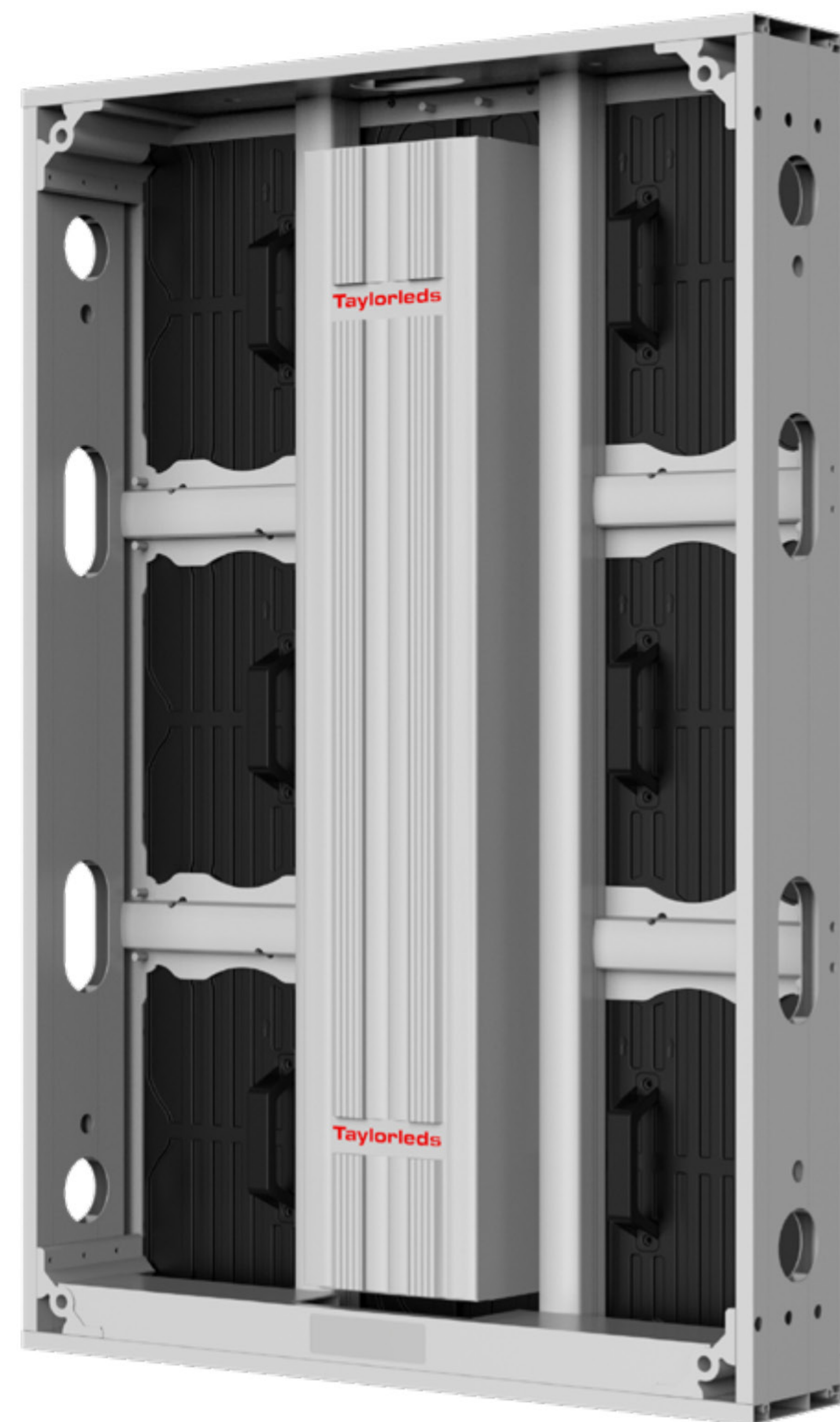
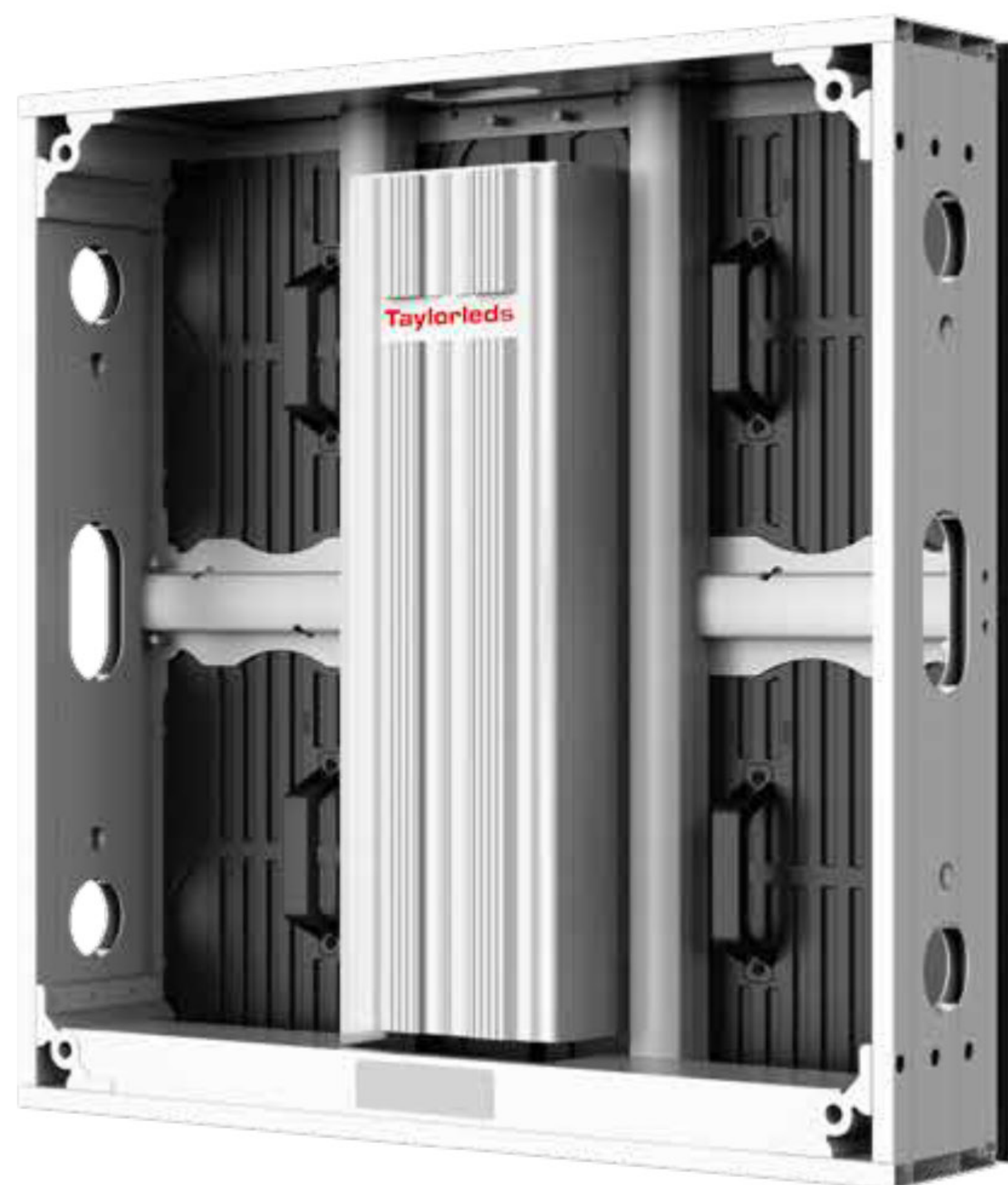
Maintenance can be either front or rear.
Front: take out the modules, and then access the power supply units; Rear: directly access the module and power supply units from the back.



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Two Standard Panel Sizes

500mm x 500mm panels and 500mm x 750mm panels available.



Specifications

ATS-PRO WG HD Series LED panel shown. Additional frame sizes available.

Specifications	WG 1.9 HD	WG 2.5 HD	WG 2.8 HD	WG 3.9 HD
LED Type	SMD 3 in 1 1112	SMD 3 in 1 1515	SMD 3 in 1 1515	SMD 3 in 1 1921
Pixel Pitch (mm)	1.98	2.5	2.84	3.9
Panel Dimensions (W*H*D)/(mm)	500 x 500 x 86 500 x 750 x 86	500 x 500 x 86 500 x 750 x 86	500 x 500 x 86 500 x 750 x 86	500 x 500 x 86 500 x 750 x 86
Panel Weight (kg)	7.8 11	7.8 11	7.8 11	7.8 11
Pixel Per Panel (w, h)	252 x 252 252 x 378	200 x 200 200 x 300	176 x 176 176 x 264	128 x 128 128 x 192
Panel Material	Aluminum Profile	Aluminum Profile	Aluminum Profile	Aluminum Profile
Module Dimensions (W*H)/(mm)	250 x 250	250 x 250	250 x 250	250 x 250
Brightness (nit)	4500	4500	5000	5000
Refresh Rate (Hz)	≥3840	≥3840	≥4800	≥3840
Gray Scale (bit)	15	15	15	15
Contrast Ratio	2800:1	3000:1	3200:1	3600:1
Color Temperature (K)	7500	7500	7500	7500
Viewing Angle (H/V) (°)	160/160	160/160	160/160	160/140
AC Operating Voltage (V)	100~240	100~240	100~240	100~240
Power Consumption (Max./Avg.) (W/m ²)	700/233	660/240	730/243	630/210
Storage Temperature (°C)	-40~ + 60	-40~ + 60	-40~ + 60	-40~ + 60
Operating Temperature (°C)	-20~ + 50	-20~ + 50	-20~ + 50	-20~ + 50
Storage Humidity (RH)	10%~90%	10%~90%	10%~90%	10%~90%
Operating Humidity (RH)	10%~90%	10%~90%	10%~90%	10%~90%
IP Rating (Front/Rear)	IP65/IP65	IP65/IP65	IP65/IP65	IP65/IP65
LED Lifetime (H)	100000	100000	100000	100000
Module Maintenance	Front/Rear	Front/Rear	Front/Rear	Front/Rear
PSU & Others Maintenance	Front/Rear	Front/Rear	Front/Rear	Front/Rear
Panel Installation Type	Fixed	Fixed	Fixed	Fixed
Max Rigging QTY	/	/	/	/
Certification	RoHS, ETL, FCC	RoHS, ETL, FCC	RoHS, ETL, FCC	RoHS, ETL, FCC

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