

# SOLAR WARE STATION

**TMEiC's new 1500V and 1000V compact inverter creates flexible container solution (up to 10MW)**

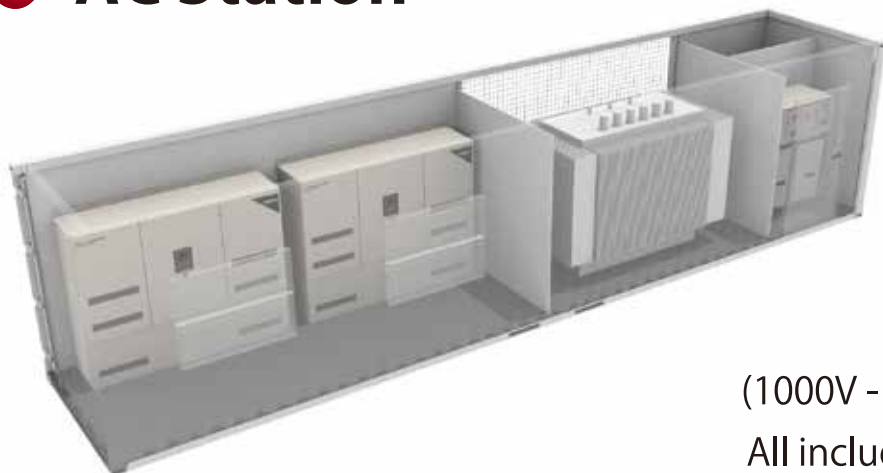
## ● L-H Combo



Example :  
1500V 7.65MVA(40ft)

1500V - 6.67MVA / 7.65MVA / 8.8MVA / 10.20MVA(40ft)  
(1000V - 4.40MVA and others are also possible)  
Power focused, installing transformer outside

## ● AC Station



Example :  
1500V 5.10MVA(40ft)

1500V - 2.22MVA / 2.55MVA (20ft)  
1500V - 4.44MVA / 5.10MVA (40ft)  
(1000V - 3.33MVA and others are also possible)  
All included in 20ft container or 40ft container





## ● Inverter Package



Example :  
1500V 2.55MVA(10ft)

One inverter in 10ft container  
1500V - 2.22MVA / 2.55MVA  
(1000V - 1MVA and others are also possible)

## Electrical Specifications

Package Solution		AC Station				L-H Combo				Inverter Package	
		2.22MW	2.55MW	4.44MW	5.10MW	6.66MW	7.65MW	8.88MW	10.20MW	2.22MW	2.55MW
Image											
Container	Type	ISO Standard size 20'		ISO Standard size 40'HC		ISO Standard size 40'HC				ISO Standard size 10'HC	
	Outline Dimensions (L×W×H, m)	6.1 × 2.4 × 2.6		12.0 × 2.4 × 2.9		12.0 × 2.4 × 2.9 <sup>*1</sup>				3.0 × 2.4 × 2.9	
Inverter	Type	PVH-L2220E	PVH-L2550E	PVH-L2220E	PVH-L2550E	PVH-L2220E	PVH-L2550E	PVH-L2220E	PVH-L2550E	PVH-L2220E	PVH-L2550E
	Quantity (pc)	1	1	2	2	3	3	4	4	1	1
DC Box		Integrated in Inverter				Integrated in Inverter				Integrated in Inverter	
MV Transformer	Grid Voltage	11 / 22 / 34.5kV ± 2.5%				11 / 22 / 34.5kV ± 2.5%					
	Rated Frequency	50 / 60Hz				50 / 60Hz					
	Number of Phase	Three - phase				Three - phase					
	Standard Compliance	IEC 60076				IEC 60076					
MV Switchgear	Rated Voltage	12 / 24 / 36kV				12 / 24 / 36kV					
	Rated Frequency	50 / 60Hz				50 / 60Hz					
	Number of Phase	Three-phase				Three-phase					
	Model	Breaker protection as standard				Breaker protection as standard					
	Rated Current	400A as standard				400A as standard					
	Standard Compliance	IEC 62271-1, -100, -102, -105, -200				IEC 62271-1, -100, -102, -105, -200					
LV Panels		Low voltage distribution panels, outlets (Type depends on the requirements)				Low voltage distribution panels, outlets (Type depends on the requirements)				Low voltage distribution panels, outlets (Type depends on the requirements)	
Connection		Connection / cabling between LV panels, Inverter, MV transformer, MV switchgear is included				Connection / cabling between LV panels, Inverter, MV transformer, MV switchgear is included				Connection / cabling between LV panels and Inverter is included	
Cooling Method		Louvers and fans				Louvers and fans				Louvers and fans	
Auxiliary	Transformer	Three-phase, 50/60Hz, less than 10kVA as standard				Three-phase, 50/60Hz, less than 10kVA as standard				Three-phase, 50/60Hz, less than 10kVA as standard	
	Lighting	Lamps				Lamps				Lamps	
	Safety Equipments	Gloves, CO <sub>2</sub> fire extinguisher, first aid, etc				Gloves, CO <sub>2</sub> fire extinguisher, first aid, etc				Gloves, CO <sub>2</sub> fire extinguisher, first aid, etc	
	UPS	UPS can be supplied as an option				UPS can be supplied as an option				UPS can be supplied as an option	
Environmental Condition	Maximum Altitude	Inverter : Up to 2,000m as standard Transformer and RMU: 1,000m as standard (Up to 2,000m)				Inverter : Up to 2,000m as standard Transformer and RMU: 1,000m as standard (Up to 2,000m)				Inverter : Up to 2,000m as standard Transformer and RMU: 1,000m as standard (Up to 2,000m)	
	Ambient Temperature	Inverter : -20~40°C as standard (Up to 50°C as option) <sup>**2</sup> Transformer and RMU: -20~40°C as standard (Up to 50°C as option)				Inverter : -20~40°C as standard (Up to 50°C as option) <sup>**2</sup> Transformer and RMU: -20~40°C as standard (Up to 50°C as option)				Inverter : -20~40°C as standard (Up to 50°C as option) <sup>**2</sup> Transformer and RMU: -20~40°C as standard (Up to 50°C as option)	
	Relative Humidity	Less than 95% (Not condensating)				Less than 95% (Not condensating)				Less than 95% (Not condensating)	

<sup>\*\*1</sup> The size of L-H Combo does not include MV Transformer.

<sup>\*</sup>Specifications are preliminary and subject to change without notice.

<sup>\*\*2</sup> SOLAR WARE 2220/2550 operates without derating up to 50°C.