SOLAR WARE 2220/2550

TMEiC
We drive industry

Large Scale PV Inverter
1500V 2.22MW / 2.55MW

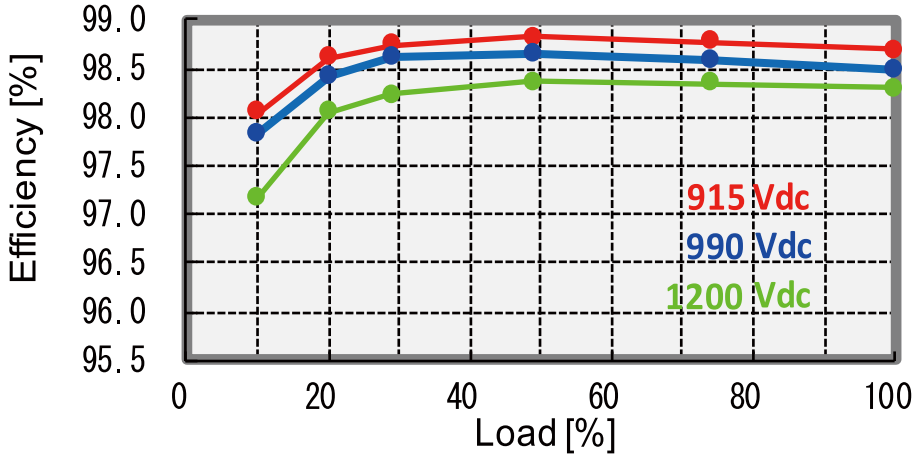
PVH-L2220E
PVH-L2550E

*Appearance may be modified

Features

- Top level efficiency (98.7～ 98.8%)
- Line up for release from September ‘17
  1) Wide MPPT model (2.22MW/2.22MVA)
  2) Large capacity model (2.55MW/2.55MVA)
- World leader for compact size (1.4MVA /㎡)
- No de-rating up to 50 ℃
- Night-time VAR Compensation
  (Continuous operation is also possible)
- Negative grounding (optional)

Efficiency 2.55MW Inverter



*Preliminary

Electrical Specifications

Items		PVH-L2220E	PVH-L2550E
Output side (AC)	Rated Power	2222kW/2222kVA (Temperature: Surrounding of Indoor Inverter)	2550kW/2550kVA (Temperature: Surrounding of Indoor Inverter)
	Rated Voltage	550V (+10%,-10%) / 3Φ3W	630V (+10%,-10%) / 3Φ3W
	Rated Frequency	50Hz / 60Hz	50Hz / 60Hz
	Rated Power Factor	> 0.99	
	Rated Current	2332A @ 2222kVA	2337A @ 2550kVA
	Maximum Current	2332A @ 550Vac	2337A @ 630Vac
Input side (DC)	Maximum Power	2267kWp @98% Efficiency	2602kWp @98% Efficiency
	Maximum Voltage	1500Vdc	
	MPPT Operation Range	800 ~ 1300Vdc	915 ~ 1300Vdc
Maximum Efficiency(tentative)		98.7 %	98.8%
EU Efficiency (tentative)		98.6%	98.6%
CEC Efficiency (tentative)		98.5 %	98.5 %
Weight		< 2500kg (tentative)	
Inverter Dimensions (D x W x H)		≦700 x 2,600 x 2,200 mm (tentative)	
Floor space (W x D)		≦ 1.82m² (tentative)	
Enclosure Protection Rating		IP21	
Installation		Indoor	
Ambient Temperature Range		-20 ~ 50°C No de-rate up to 50°C	-20 ~ 50°C No de-rate up to 50°C
Communication Type		Modbus/TCP, Ethernet	Modbus/TCP, Ethernet
Standards Compliance		IEC62109 -1,2 / IEC61000 -6-2,4	
Standard Number of Input		16 inputs as standard (tentative)	
Standard Control Power Supply		ControlPower Supply fromInverter output and Capacitor back up circuit (3sec. compensation)	

***Specifications are preliminary and subject to change without notice.**

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