



Inverter S Series

PV-S2600 Nominal Output 2.6kW

PV-S3200 Nominal Output 3.2kW

PV-S4200 Nominal Output 4.2kW

PV-S4600 Nominal Output 4.6kW

PV-S6000A Nominal Output 6.0kW

Data Logger

PV-LOG30

Best Performance with Long Reliability



Energy Performance

- High efficiency of 97.5% (PV-S6000A), 97.5% (PV-S4600), 97.5% (PV-S4200), 96.8% (PV-S3200), 96.6% (PV-S2600)
- Smooth Recovery Inverter Topology
- Dual precision MPPT for each DC input*
*PV-S4200 and PV-S4600 model

Reliability

- Original "generous design" concept
- Cooling fan control attuned to temperature
- Highly reliable aluminum housing developed from Mitsubishi Electric solar module technology

Safety

- Perfectly sealed metal housing ensures non flammability (including the connection area)
- "UL94V-0" Compliant resin material used

Easy Installation

- IP54, outside or inside installation possible
- All-in-one style
DC disconnector included, integrated into the case. Optional (internal) data logger available
- Parallel installation in tight spaces
- AC connection with various terminals (ring, pin, single wire)
- DC connection with MC4 connector
- Original configuration software

Maintenance

- Easy maintenance of the cooling fan filter

User Friendly

- 255×160-pixel dot matrix LCD display, five-line screen
- Optic easy operation switch



INVERTER SPECIFICATIONS

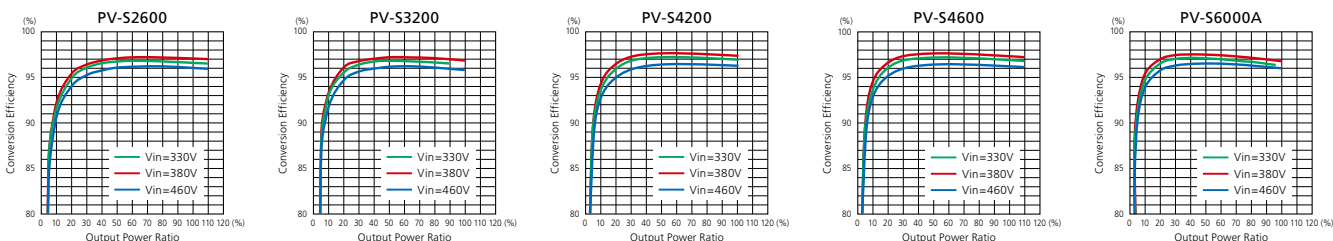
	Model name	PV-S2600	PV-S3200	PV-S4200	PV-S4600	PV-S6000A
Input	Recommended generator power	3480Wp *1	3840Wp *1	5040Wp *1	6120Wp *1	7200Wp *1
	Max. DC input power	3000W	3310W	4320W	5250W	6200W
	Max. DC input voltage	700VDC				
	Min. DC input voltage	160VDC				
	DC voltage range, MPPT	300–600VDC *3	370–600VDC *3	240–600VDC *3	270–600VDC *3	345*2–600VDC *3
	Max. DC input current	9ADC x 2				
	Number of MPPT	1		2		1
Output	Max. number of strings	1		2		1
	Nominal AC power	2600W	3200W	4200W	4600W	6000W
	Max. AC power	2900W	3200W	4200W	5100W	6000W
	Max. AC current	12.6A	13.9A	18.3A	22.2A	26.1A
	Total harmonic distortion	< 5% at nominal AC power output				
	Nominal AC voltage/AC frequency	230VAC / 50Hz				
	AC connection	Single-phase				
Energy performance	Power factor	approx.1				
	Max. efficiency	96.6%	96.8%	97.5%	97.5%	97.5%
	Euro efficiency	95.8%	96.1%	96.8%	96.9%	96.7%
	Start feeding-in at	40W				
	Consumption stand-by / Nighttime	0.5W				
	Dimensions (W x H x D)	408 x 653 x 210 mm				
	Weight	24kg				
General specifications	Noise level	45dB				
	Insulating style	Transformer-less				
	Ambient temperature	-25–50 degrees C *4				
	Ambient humidity	0–100% Rh *5				
	Protection	Over-heating protection, ground fault protection				
	Protection class	IP54				
	Equipment	DC-disconnector, cooling fan				
Other specifications	Display	Dot matrix LCD (white LED backlight), 5-line screen				
	DC connector	Multi Contact locking connector (MC4)				
	AC connector	Terminal block				
	External communication	RS-485				
Warranty term		5 years (standard) / 10 years (option)				

*1: Maximum values allowed. The configuration must take into account the values of irradiation and temperature.

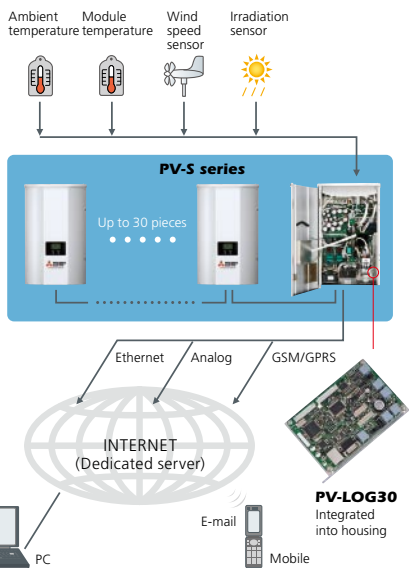
*2: Based on a grid voltage of 230V. May change depending on the grid voltage. *3: PV inverters can output the nominal AC power in this range.

*4: The temperature range for maximum output power is between -25°C and 40°C. *5: Assuming no water condensation occurring.

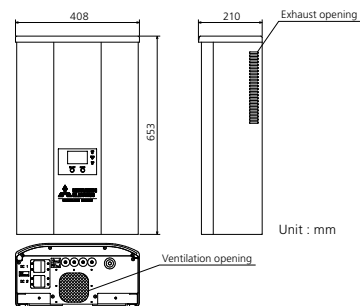
EFFICIENCY



DATA LOGGER



DIMENSIONS



SPECIFICATIONS (DATA LOGGER)

Model name	PV-LOG30
Interface	PV-Inverter (RS-485) "Sensor Input (RS-485, Irradiance, Temperature, Windspeed)" LAN (RJ-45) Modem (RS-232C or RS-485) Display data out (RS-485) Digital out x 2 (Open collector) Digital input x 4
Dimensions (WxHxD)	277 x 46 x 134mm
Weight	460g
Power supply	DC13–15V
Power consumption	500mA Max

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