

SUNNY MATRIX

More and more companies, schools and institutions opt for solar energy and invest in an ecofriendly and forward-looking technology. Are you one of them? Then it is time for you to show the others!

The representative display of your PV system for outdoor installations is the optimal solution: The weatherproof display "Sunny Matrix" lets you present the plant performance data to the public and can also be used for advertisements. The contents of the display can be configured individually: The Sunny Matrix provides outstanding flexibility.

FEATURES

- » Weatherproof aluminum box
- » Easy configuration and operation via web interface with any PC via Ethernet
- » Display of yield, power and avoided emissions
- » In combination with Sunny SensorBox:
Display of radiation, wind speed as well as ambient and module temperature
- » Texts can be freely edited and displayed with automatic scrolling teXT
- » Changing displays by innovative day/night switching
- » Various enclosure sizes for any application
- » Front panel can be individually designed
- » Weatherproof photoprint



SUNNY MATRIX	400 mm version	800 mm version	1000 mm version
Ethernet Port	Ethernet / Fast Ethernet	Ethernet / Fast Ethernet	Ethernet / Fast Ethernet
	With automatic speed detection	With automatic speed detection	With automatic speed detection
Dimensions			
Size (width x height x depth)	800 mm x 400 mm x 120 mm	800 mm x 800 mm x 120 mm	800 mm x 1000 mm x 120 mm
Weight	approx. 15 kg	approx. 20 kg	approx. 25 kg
Protection degree	IP 54, DIN EN 60529	IP 54, DIN EN 60529	IP 54, DIN EN 60529
Color	gray (RAL 7040)	gray (RAL 7040)	gray (RAL 7040)
Power Supply			
Input voltage	115 V to 230 V / 50 Hz to 60 Hz	115 V to 230 V / 50 Hz to 60 Hz	115 V to 230 V / 50 Hz to 60 Hz
Power consumption	typ. 20 W + 5 W for 4 characters	typ. 20 W + 5 W for 4 characters	typ. 20 W + 5 W for 4 characters
Features			
Character height	51 mm	51 mm	51 mm
Line length	4, 8, 12 or 16 characters	4, 8, 12 or 16 characters	4, 8, 12 or 16 characters
Numbers of lines	up to 2 lines	up to 4 lines	up to 4 lines
Location of lines	according to customer specification	according to customer specification	according to customer specification
Front screen	according to customer specification	according to customer specification	according to customer specification
Ambient operation temperature	-25 °C to +60 °C	-25 °C to +60 °C	-25 °C to +60 °C
Optional external sensors			
Sunny SensorBox	(only connection with Sunny WebBox)	(only connection with Sunny WebBox)	(only connection with Sunny WebBox)