

# INVERTERS



## Inverter 1100W - 3300W (Single Phase)

### Self-Consumption

#### Main Features

- Supplied with DC switch
- Natural cooling
- Transformerless technology
- Ambient temperature between -30°C and +60°C
- Supplied with wall support
- IP65 degree of protection

- Maximum altitude 2000 meters
- LCD and LED display
- Noise level <25dB
- Relative humidity: 0 to 100%

**Option: Injection 0 (adding the current sensor)**

**Option: preview consumption (adding Smart counter)**

### Product Description

Range of Single-Phase Inverters for self-consumption, available with nominal output powers from 1100W to 3300W. **All models are part of the DGEG inverter exchange.**

### Models and Prices

Code	Model
2704-9990	Self-Consumption Inverter S-1100W (Single Phase)
2704-9403	Self-Consumption Inverter R-1600W (Single Phase)
2704-9991	Self-Consumption Inverter S-1600W (Single Phase)
2704-9404	Self-Consumption Inverter R-2200W (Single Phase)

Code	Model
2704-9402	Self-Consumption Inverter R-3300W (Single Phase)
2704-9997	Self-Consumption Inverter S-3300W (Single Phase)
2704-9701	230V Current Sensor (for Inverters single-phase)

TECHNICAL DATA	S-1100W	S-1600W	R-1600W	R-2200W	S-3300W	R-3300W
<b>INPUT (DC)</b>						
Maximum DC Power	1500Wp	2200Wp	2400Wp	2800Wp	4500Wp	4200Wp
Maximum DC Voltage	500V	500V	500V	500V	550V	550V
Starting Voltage	70V	70V	70V	70V	70V	70V
Rated voltage	360V	360V	360V	360V	360V	360V
Function Range. MPPT	50 - 500V	50 - 500V	50 - 500V	50 - 500V	50 - 550V	50 - 550V
Functional range. Pot. Max.	110 - 450V	150 - 450V	50-500V	50-500V	300 - 500V	50-550V
MPPT number	1	1	1	1	1	1
Inputs by MPPT	1	1	1	1	1	1
Maximum current per MPPT	12A	12A	13.5A	13.5A	12A	16A
<b>OUTPUT (AC)</b>						
Rated power	1100W	1600W	1600W	2200W	3300W	3300W
Maximum power	1100VA	1600VA	1600VA	2200VA	3300VA	3300VA
Nominal chain	4.8A	7.0A	7.2A	9.6A	14.3A	14.4A
Rated voltage	230V	230V	230V	230V	230V	230V
Nominal frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
<b>FEATURES</b>						
Maximum Efficiency	97.5%	97.5%	97.1%	97.1%	97.7%	97.3%
EURO efficiency	96.9%	96.9%	96.6%	96.6%	97.2%	96.8%
Way of communication	WiFi, RS485	WiFi, RS485	WiFi, RS485, GPRS	WiFi, RS485, GPRS	WiFi, RS485	WiFi, RS485, GPRS
Dimensions	303x260.5x118mm 303x260.5x118mm 295x260x115mm 295x260x115mm 321x260.5x131.5mm 295x260x115mm					
Weight	5.5kg	5.5kg	6.8kg	6.8kg	6.3kg	6.8kg

Possible changes without prior notice.

Recommended retail prices. The prices indicated do not include VAT

This technical sheet does not eliminate the need to consult the instruction manual.

