

INVERTERS



Inverter 3600W - 6000W (Single Phase)

Self-Consumption

Main Features

- Supplied with DC switch
- Natural cooling
- Transformerless technology
- Ambient temperature between -25°C and +60°C
- IP65 degree of protection
- Maximum altitude 4000 meters

- LCD and LED display
- Noise level <30dB
- 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 3600W to 6000W. All models are part of the DGEG inverter exchange.

Models and Prices

Code	Model
2704-9989	Self-Consumption Inverter S-3600W (Single Phase)
2704-9401	Self-Consumption Inverter R-3680W (Single Phase)
2704-9821	Self-Consumption Inverter S-4000W (Single Phase)
2704-9405	Self-Consumption Inverter R-4000W (Single Phase)
2704-9822	Self-Consumption Inverter S-5000W (Single Phase)

Code	Model
2704-9411	Self-Consumption Inverter R-5000W (Single Phase)
2704-9823	Self-Consumption Inverter S-6000W (Single-Phase)
2704-9412	Self-Consumption Inverter R-6000W (Single Phase)
2704-9701	230V Current Sensor (for Inverters single-phase)

TECHNICAL DATA	S-3600W	R-3600W	S-4000W	R-4000W	S-5000W	R-5000W	S-6000W	R-6000W
INPUT (DC)								
Maximum DC Power	5400Wp	4800Wp	6000Wp	5200Wp	7500Wp	6500Wp	9000Wp	7800Wp
MPPT Max Power Single	3500W	4800W	3500W	-	3750W	-	4500W	-
Maximum DC Voltage	600V	550V	660V	660V	660V	660V	660V	660V
Starting Voltage	90V	70V	90V	120V	90V	120V	90V	120V
Rated voltage	380V	360V	380V	360V	380V	360V	380V	360V
Function Range. MPPT	80V - 550V	50V - 550V	80V - 550V	100V - 550V	80V - 550V	100V - 550V	80V - 550V	100V - 550V
Functional range. Pot. Max.	200V - 500V	-	200V - 500V	-	210V - 500V	-	260V - 500V	-
MPPT number	-	1	-	-	-	-	-	-
Inputs by MPPT	1	1	1	1	1	1	1	1
Maximum current per MPPT	15A/15A	13.5A	15A/15A	16A/16A	15A/15A	16A/16A	15A/15A	16A/16A
OUTPUT (AC)								
Rated power	3680W	3680W	4000W	4000W	5000W	5000W	6000W	6000W
Maximum power	3680VA	3680VA	4400VA	4400VA	5500VA	5500VA	6000VA	6600VA
Maximum Current	16A	16A	20A	19.2A	25A	24A	29A	28.7A
Rated voltage	230V	230V	230V	230V	230V	230V	230V	230V
Nominal frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
FEATURES								
Maximum Efficiency	98.2%	97.3%	98.2%	97.8%	98.4%	97.8%	98.4%	97.8%
EURO efficiency	97.3%	96.8%	97.3%	97.2%	97.5%	97.2%	97.5%	97.2%
Way of communication	RS485, USB, WiFi	WiFi	RS485, USB, WiFi	WiFi	RS485, USB, WiFi	WiFi	RS485, USB, WiFi	WiFi
Dimensions	349x344x164mm 335x260x120mm 349x344x164mm 395x330x185mm 349x344x164mm 395x330x185mm 349x344x164mm 395x330x185mm							
Weight	9.2kg	7.5kg	9.2kg	12kg	10kg	12kg	10kg	12kg

