

INVERTERS



Inverter 3300W - 6600W (Three Phase)

Self-Consumption

Main Features

- Supplied with DC switch
- Natural cooling
- Transformerless technology
- IP65 degree of protection
- Ambient temperature between -25°C and +60°C
- Maximum altitude 2000 meters

- LCD Display & Bluetooth + APP
- Noise level <40dB
- Relative humidity: 0 to 100%
- Option: Injection 0 (adding the zero injection system)**
- Option: preview consumption (adding Smart counter + 3 sensors due)**

Product Description

Range of Three-Phase Inverters available with nominal output powers from 3300W to 6600W.
 All models are part of the DGEG inverter exchange

Models and Prices

Code	Model
2704-9992	3300W Inverter (Three Phase)
2704-9406	4000W Inverter (Three Phase)
2704-9999	4400W Inverter (Three Phase)
2704-9407	5000W Inverter (Three Phase)
2704-9993	5500W Inverter (Three Phase)

Code	Model
2704-9409	6000W Inverter (Three Phase)
2704-9801	6600W Inverter (Three Phase)
2704-9702	Zero Injection System (three-phase)
2704-9714	Three-phase Smart Counter
2704-9713 *	Current Sensor HY94C5-200 (3 units required by accountant)

*On special order

TECHNICAL DATA	3300W	4000W	4400W	5000W	5500W	6000W	6600W
INPUT (DC)							
Pot. Maximum DC	4500Wp	6000Wp	6000Wp	7500Wp	7500Wp	9000Wp	9000Wp
Pot. Max w/MPPT Single	4500W	-	6000W	-	6000W	-	7500W
MPPT number	1	1	1	1	1	1	1
Inputs by MPPT	1	1	1	1	1	1	1
Max Voltage (DC)	1100V	1000V	1000V	1000V	1000V	1000V	1000V
Starting Voltage	160V	160V	200V	160V	200V	160V	200V
Rated voltage	650V	630V	600V	630V	600V	630V	600V
Func. MPPT	140V - 1000V	140V - 950V	160V - 960V	140V - 950V	160V - 960V	140V - 950V	160V - 960V
Func. Pot. Max.	160V - 850V	-	190V - 850V	-	240V - 850V	-	290V - 850V
Max Current	15A / 15A	16A / 16A	11A / 11A	16A / 16A	11A / 11A	16A / 16A	11A / 11A
OUTPUT (AC)							
Pot. Nominal	3000W	4000W	4000W	5000W	5000W	6000W	6000W
Pot. Max AC	3300VA	4400VA	4400VA	5500VA	5500VA	6600VA	6600VA
Maximum Current	5.0A	6.4A	6.4A	8.0A	8.0A	9.6A	9.6A
Rated voltage	3/N/PE,400	3/N/PE,400	3/N/PE,400	3/N/PE,400	3/N/PE,400	3/N/PE,400	3/N/PE,400
Network Voltage Range	310V - 480V	310V - 480V	310V - 480V	310V - 480V	310V - 480V	310V - 480V	310V - 480V
Nominal frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Power Factor	1 (adjustable +/- 0.8)	1 (adjustable +/- 0.8)	1 (adjustable +/- 0.8)	1 (adjustable +/- 0.8)	1 (adjustable +/- 0.8)	1 (adjustable +/- 0.8)	1 (adjustable +/- 0.8)
CHARACTERISTICS							
Max Efficiency	98.4%	98.4%	98.0%	98.4%	98.0%	98.4%	98.0%
EURO efficiency	97.5%	97.8%	97.5%	97.8%	97.5%	97.8%	97.5%

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Communication	RS485, USB, BT, WiFi	RS485, WiFi	RS485, WiFi, s.D.	RS485, WiFi	RS485, WiFi, s.D.	RS485, WiFi	RS485, WiFi, s.D.
Dimensions (mm)	430x385x182	455x390x160	457x452x202	455x390x160	457x452x202	455x390x160	457x452x202
Weight	17kg	21kg	16.3kg	21kg	16.3kg	21kg	16.3kg

