

# INVERTERS

## Micro-Inverter

### Photovoltaic Solar Energy



#### Main Features

High energy capture quality with high precision MPPT;  
 Efficiency is up to 96.5%;  
 Reliability and stability concentrated;  
 Greater security through new protection functions;

Adapted to almost all 60 or 72 cell panels;  
 Easy Installation;  
 Optional Wi-Fi (Module sold separate).  
 Required to operation(AC Main Cable and AC End Cap).

### Product Description

New range of Micro-Inverters, available with output powers from 500W to 2250W.

### Models and Prices

Code	Model
2704-3020	Micro Inverter 500W-T1 (Single Phase)
2704-3021	Micro Inverter 1000W-T2 (Single Phase)
2704-3022	Micro Inverter 2000W-T4 (Single Phase)
2704-3023	Micro Inverter 2250W-T6 (Three Phase)
2704-3024	DTU-Pro-S WiFi Modem
2704-3025	AC Main Cable 2MT+T
2704-3026	AC Port Disconnect Tool
2704-3027	AC Connector Disconnect Tool
2704-3028	AC End Cap
2704-3029	AC-3F Main Cable 3MT+T
2704-3030	AC-3F Port Disconnect Tool
2704-3031	AC-3F Connector Disconnect Tool
2704-3032	AC-3F End Cap



TECHNICAL DATA	500W	1000W	2000W	2250W
POWER SUPPLY (V/Hz)	220-240/1/50	220-240/1/50	220-240/1/50	380 - 415/ 3 /50
INPUT DATA (DC)				
PV panel power (Wp)	400 to 670	400 to 670	400 to 670	300 to 505
Starting Voltage (V)	22	22	22	22
Operating Range (V)	16 - 60	16 - 60	16 - 60	16 - 60
Maximum Input Voltage (V)	65	65	65	60
Maximum Input Current (A)	16	2x16	4x16	6x11.5
OUTPUT DATA (AC)				
Output Power (W)	500	1000	2000	2250
Output Current (A)	2.17	4.35	8.70	3.26 x 3
Nominal Voltage Range (V)	180 - 275	180 - 275	180 - 275	400
Nominal Frequency Range (Hz)	45 - 55	45 - 55	45 - 55	45 - 55
Power Factor	> 99	> 99	> 99	> 99
Total Harmonic Distortion	< 3%	< 3%	< 3%	< 3%
Maximum units per extension	14	7	3	9
EFFICIENCY				
Peak Inverter Efficiency	96.50%	96.50%	96.50%	96.50%
MPPT Rated Efficiency	99.80%	99.80%	99.80%	99.80%
Nighttime power consumption (mW)	< 50	< 50	< 50	< 50
MECHANICAL CHARACTERISTICS				
Operating Temperature Range (°C)	-40~+65	-40~+65	-40~+65	-40~+65
Dimensions (W x H x D)	182 x 164 x 30	261x180x31	331x218x36.6	330x250x37
Weight (kg)	1.75	3.1	4.7	6.0
Protection	IP67 (NEMA6)	IP67 (NEMA6)	IP67 (NEMA6)	IP67
Cooling	Natural convection	Natural convection	Natural convection	Natural convection
TECHNICAL CHARACTERISTICS				
Communication	Sub-1G	Sub-1G	Sub-1G	Sub-1G
Monitoring	APP	APP	APP	APP

