



Inverter I 3000
(190-220V_{DC} / 230V_{AC} / 50 Hz)

Technical characteristics

The inverter series Flexible AC Power Sources has been developed by Alintel to fulfill the requirements of high-end customers.

The I 3000 provides a flexible easy to use solution to supply a large variety of loads.

The I 3000 provides mono-phase high- quality voltage output with frequency to 50 Hz

The I Static Frequency converter series particularly suits to physics applications and research.

The converter is based on switching technology .

Many options are available to customize the converter to perfectly suit user requirements.

Input Line Voltage	190÷220 V _{DC}
Output power	230 V _{AC} Mono-phase
Output Power	3KVA
Output Current	0÷13Arms Available up to 230V output line – to neutral voltage
Output measurements	Output current, voltage, are shown on digital panel display
Input measurements	Input current, voltage, are shown on digital instrument
Output waveform	Sine wave (THD<3%), 50Hz
Ambient temperature	0÷35°C with internal thermal protections
Efficiency	≥80%
Cooling	Forced air
Remote interface	Output Voltage and Output current, Start/Stop, Status Start/Stop back through digital Modbus Protocol
Protection	Over voltage, Over Current, Over Temperature
International Standards	EN50081-2 ; EN50082-2
Dimensions approx.	Width: 482,6 mm Height: 355mm Depth:500 mm
Weight	40kg