

	IFX2-500	IFX2-500	IFX2-600	IFX2-600	IFX2-700
INPUT DATA (DC)					
Dc Voltage range	495-850	575-875	495-850	575 - 875	575 - 875
Maximum Voltage (Voc)			1000Vdc		
Maximum Current (Isc)	2x600A	2x600A	2x600A	2x600A	2x600A
MPPT Tracking number	2	2	2	2	2
Supervision string			Optional (integrated in the PV Inverter)		
Isolation default detection			Yes		
OUTPUT DATA (AC)					
Rated Power (kW)	500kW	500kW	600kW	600kW	700kW
Maximum apparent power output	588kVA	588kVA	630kVA	700kVA	735kVA
Rated voltage	315V 3F (+10%, -15%)	365V 3F (+10%, -15%)	315V 3F (+10%, -15%)	365V 3F (+10%, -15%)	365V 3F (+10%, -15%)
Rated current	920A	790A	1100A	950A	1100A
Maximum current	1075A	930A	1200A	1110A	1200A
Frequency			50 - 60 Hz		
Nominal power factor	Adjustable 0,8 to 1 (0,85 rated power)	Adjustable 0,8 to 1 (0,85 rated power)	Adjustable 0,8 to 1 (0,95 rated power)	Adjustable 0,8 to 1 (0,85 rated power)	Adjustable 0,8 to 1 (0,95 rated power)
Total current harmonic distortion (THD)			< 3%		
Galvanic Isolation Transformer			Optional		
European Efficiency (%)	97,9	98,2	97,9	98,2	98,2
CEC Efficiency (%)	97,5	97,5	97,5	97,5	97,5
Max Efficiency (%)	98,3	98,5	98,3	98,5	98,5
Control architecture			Control Logic and DSP, SVM Technology		
Soft Start			Yes		
Communications			RS-485 (Optional: Ethernet, GPRS,...)		
PROTECTIONS					
Overvoltage and Overcurrent			Input and Output		
Reverse polarity			Yes		
Overtemperature			Yes (power regulation included)		
Frequency and Voltage max. / min.			Yes		
Connection/disconnection			Optional by contactors		
Anti-islanding protection			Automatic switch off		
MAIN DATA					
Standards	RD 1663 / 2000, DK 5940, VDE 0126-1-1, Arrêté du 23/04/08 ; EMC Directives, EN 50081-1 and 50081-3; EN 50178 Low Voltage Directive, CE marked				
Working Temperature	- 10°C to + 55°C				
Relative Humidity	0%-95% without condensation				
Dimensions mm (h x w x d) and Weight	2000 x 2800 x 800; 2300 Kgs.				
Protection class (IP)	IP30 (Optional IF54)				
Seismic standards	Optional				
Night-time consumption	50W				
Standby consumption	120W				
Heating power	2250Wmax				
Extraction capacity	4000 m3/h				

PV CENTRAL INVERTER Serie IF Plus

	IFX3-750	IFX3-750	IFX3-900	IFX3-900	IFX3-1050
INPUT DATA (DC)					
Dc Voltage range	495-850	575-875	495-850	575 - 875	575 - 875
Maximum Voltage (Voc)			1000Vdc		
Maximum Current (Isc)	3x600A	3x600A	3x600A	3x600A	3x600A
MPPT Tracking number	3 or 1	3 or 1	3 or 1	3 or 1	3 or 1
Supervision string			Optional (integrated in the PV Inverter)		
Isolation default detection			Yes		
OUTPUT DATA (AC)					
Rated Power (kW)	750kW	750kW	900kW	900kW	1050kW
Maximum apparent power output	880kVA	880kVA	945kVA	1050kVA	1100kVA
Rated voltage	315V 3F (+10%, -15%)	365V 3F (+10%, -15%)	315V 3F (+10%, -15%)	365Vac 3F (+10%, -15%)	365Vac 3F (+10%, -15%)
Rated current	1375A	1186A	1650A	1423A	1650A
Maximum current	1610A	1400A	1750A	1650A	1800A
Frequency			50 - 60 Hz		
Nominal power factor	Adjustable 0,8 to 1 (0,85 rated power)	Adjustable 0,8 to 1 (0,85 rated power)	Adjustable 0,8 to 1 (0,95 rated power)	Adjustable 0,8 to 1 (0,85 rated power)	Adjustable 0,8 to 1 (0,95 rated power)
Total current harmonic distortion (THD)			< 3%		
Galvanic Isolation Transformer			Optional		
European Efficiency (%)	98,1	98,4	98,1	98,4	98,4
CEC Efficiency (%)	97,5	98	97,5	98	98
Max Efficiency (%)	98,6	98,6	98,4	98,6	98,6
Control architecture			Control Logic and DSP, SVM Technology		
Soft Start			Yes		
Communications			RS-485 (Optional: Ethernet, GPRS,...)		
PROTECTIONS					
Overvoltage and Overcurrent			Input and Output		
Reverse polarity			Yes		
Overtemperature			Yes (power regulation included)		
Frequency and Voltage max. / min.			Yes		
Connection/disconnection			Optional by contactors		
Anti-islanding protection			Automatic switch off		
MAIN DATA					
Standards	RD 1663 / 2000, DK 5940, VDE 0126-1-1, Arrêté du 23/04/08 ; EMC Directives, EN 50081-1 and 50081-3; EN 50178 Low Voltage Directive, CE marked				
Working Temperature	- 10°C to + 55°C				
Relative Humidity	0%-95% without condensation				
Dimensions mm (h x w x d) and Weight	2000 x 4000 x 750; 2700 Kgs.				
Protection class (IP)	IP30 (Optional IF54)				
Seismic standards	Optional				
Night-time consumption	100W				
Standby consumption	400W				
Heating power	3000Wmax				
Extraction capacity	7000 m3/h				