

# > IFX3

1050

1100

1150

1200

## > INPUT DATA

Battery charge mode	582-1000	610-1000	635-1000	690-1000
PV voltage range	522 - 875 Vdc	570 - 900 Vdc	595 - 900 Vdc	620 - 900 Vdc
PV voltage range at rated power	582 - 875 Vdc	610 - 900 Vdc	635 - 900 Vdc	690 - 900 Vdc
Maximum voltage	1050Vdc			
Maximum current	1850A			
No. MPPT inputs	1 or 3 (configurable)			
Isolation detection system	Yes			

## > OUTPUT DATA

Output active rated power <sup>(1)</sup>	1050 kW	1100 kW	1150 kW	1200 kW
Output apparent rated power <sup>(3)</sup>	1105 kVA	1210 kVA	1270 kVA	1315 kVA
Rated voltage	365 Vac, 3F	400 Vac, 3F	420 Vac, 3F	435 Vac, 3F
Rated current	1588 A	1588 A	1581 A	1592 A
Maximum current	1800 A			
Frequency	50/60 Hz			
Power factor <sup>(1)</sup>	Adjustable 0.95 to 1 (1105kVAw max)	Adjustable 0.91 to 1 (1210kVA max)	Adjustable 0.91 to 1 (1270kVA max)	Adjustable 0.91 to 1 (1315kVA max)
Output harmonic current THDi	< 3% at rated power			
Galvanic isolation	External to the inverter, MV transformer optional			
Maximum efficiency	98.60%	98.70%	98.75%	98.80%
European efficiency	98.40%	98.46%	98.49%	98.52%
Control structure	Logic control and DSP, SVM technology			
Soft start	Yes			
Communication	Communication Port RS - 485, Ethernet			

## > PROTECTION

Overvoltage	Inputs and outputs
Overcurrent	Inputs and outputs
Reverse polarity	Yes
Overtemperature	Yes
Min./max. frequency	Yes
Min./max. voltage	Yes
Anti-islanding	Automatic disconnection

## > GENERAL DATA

Standards	CE, VDE 0126-1-1, EN 61000-6-2, EN 61000-6-4, EN 62103, EN 50178, PO 12.3,
Night reactive compensation	Yes, optional kit
Working temperature	-10°C to +50°C: 2
Relative humidity	5% - 95% non-condensing
Altitude <sup>(2)</sup>	1500 m <sup>2</sup>
Dimensions (h x w x d)	4000 x 2000 x 750 mm
Weight	2700 kg
Enclosure (IP)	IP30

- > (1) Net rated voltage | (2) derating 50-55°C  
 (3) Max. temp. adjustable by 1.25°C for every 100m above the Reference altitude of 1000m  
 (example: 2200m-1000m=1200m => 50°C (1.25\*1200/100) = 35°C)