

> IFX2

700

730

765

800

> INPUT DATA

Battery charge mode	575-1000	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	575 - 875 Vdc	610 - 900 Vdc	635 - 900 Vdc	690 - 900 Vdc
Maximum voltage	1050 Vdc			
Maximum current	1200 A			
No. MPPT inputs	1 or 2 (configurable)			
Isolation detection system	Yes			

> OUTPUT DATA

Output active rated power ⁽¹⁾	700 kW	730 kW	765 kW	800 kW
Output apparent rated power ⁽³⁾	735 kVA	800 kVA	845 kVA	875 kVA
Rated voltage	365 Vac, 3F	400 Vac, 3F	420 Vac, 3F	435 Vac, 3F
Rated current	1100 A	1055 A	1051 A	1062 A
Maximum current	1200 A			
Frequency	50/60 Hz			
Power factor ⁽¹⁾	Adjustable 0.95 to 1	Adjustable 0.91 to 1	Adjustable 0.91 to 1	Adjustable 0.91 to 1
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
Overtemperature	Yes (power regulation included)
Min./max. frequency	Yes, according to standards
Min./max. voltage	Yes, according to standards
Anti-islanding	Automatic disconnection
Anti-islanding	Automatic disconnection

> GENERAL DATA

Standards	CE Marking, VDE 0126-1-1, EN 61000-6-2, EN 61000-6-4, EN 62103, EN 50178
Night reactive compensation	Yes, optional kit
Working temperature	- 10°C to + 50°C ⁽²⁾
Relative humidity	5%-95% non-condensing
Altitude ⁽²⁾	1500 m ²
Dimensions (h x w x d)	2800 x 2000 x 750 mm
Weight	2700 kg
Enclosure (IP)	IP30

> (1) Net rated voltage

(2) Maximum temperature rated power adjustable by 1.25°C for every 100m above the reference altitude