

Inverter PIKO 3.0 | PIKO 17

- Single-phase / three-phase feed-in
- Transformerless topology
- Lateral recessed grip
- New designed electronic DC switch
- Improved efficiency
- Integrated circuit contact for self-consumption control
- Data logger and web server for system monitoring
- Various communication interfaces included as standard:
2x Ethernet, RS485, S0 input and output, 4 x analogue inputs
e.g. for sensors and ripple control receivers (for active power control)
- Analog or GSM modem for remote data retrieval (option)
- With arc detection (option)



Available from
1st quarter 2013

Technical information*

		PIKO 3.0	PIKO 17
Input side (DC)			
Number of DC inputs / number of MPP trackers		1 / 1	4 / 3
Max. input voltage (open circuit voltage)	U_{DCmax}	800 V	1.000 V
Min. DC input voltage	U_{DCmin}	150 V	180 V
Start-up DC input voltage	$U_{DCstart}$	150 V	180 V
Rated DC input voltage	$U_{DC,r}$	400 V	600 V
Max. MPP voltage	U_{MPPmax}	700 V	850 V
Min. MPP voltage	U_{MPPmin}	200 V	180 V
Max. DC input current	I_{DCmax}	12 A	3x 17 A
Output side (AC)			
Number of feed-in phases		1	3
AC grid voltage	$U_{AC,r}$	1/N/PE, AC, 230 V	3/N/PE, AC, 230 V / 400 V
Max. AC output current	I_{ACmax}	13,1 A	25 A
Rated AC output (cosφ = 1)	$P_{AC,r}$	3.000 W	17.000 W
Max. AC apparent power (cosφ, adj)	S_{AC}	3.000 VA	17.000 VA
Power factor cosφ _{ACr}		0,9 capacitive ... 1 ... 0,9 inductive	
Max. efficiency	η_{max}	97,1 %	98,1 %
European-standard efficiency	η_{EU}	96,6 %	97,6 %
Rated frequency	f_r	50 Hz	50 Hz

*06/12 edition, subject to technical changes and printing errors.