

## Inbetriebnahme - Ländereinstellung Initial commissioning - Country setting

Version: 09/2020

| Wechselrichter Anzeige¹<br>Inverter Display¹ | Land / Country¹                           | PIKO |    |    |    |    |        | PIKO IQ |        |        |        |        | PLENTICORE |          |          |          |          |          |         |           |           |          |
|----------------------------------------------|-------------------------------------------|------|----|----|----|----|--------|---------|--------|--------|--------|--------|------------|----------|----------|----------|----------|----------|---------|-----------|-----------|----------|
|                                              |                                           | 10   | 12 | 15 | 17 | 20 | 36 EPC | IQ 3.0  | IQ 4.2 | IQ 5.5 | IQ 7.0 | IQ 8.5 | IQ 10      | plus 3.0 | plus 4.2 | plus 5.5 | plus 7.0 | plus 8.5 | plus 10 | BI 5.5/13 | BI 5.5/26 | BI 10/26 |
| Firmware                                     |                                           | 6.14 |    |    |    |    | 5.70   | 1.43    |        |        |        |        |            |          |          |          |          |          |         |           |           |          |
| AT TOR D4 2016 LV                            | Österreich/Austria (AT)                   | x    | x  | x  | x  | x  | x      |         | x      | x      | x      | x      | x          |          | x        | x        | x        | x        | x       |           |           |          |
| AT TOR D4 2016 MV                            | Österreich/Austria (AT)                   | x    | x  | x  | x  | x  | x      |         |        |        |        |        |            |          |          |          |          |          |         |           |           |          |
| AT TOR Gen. Type A LV                        | Österreich/Austria (AT)                   | x    | x  | x  | x  | x  |        | x       | x      | x      | x      | x      | x          | x        | x        | x        | x        | x        | x       | x         | x         | x        |
| AT TOR Gen. Type B                           | Österreich/Austria (AT)                   | x    | x  | x  | x  | x  |        |         |        |        |        |        |            |          |          |          |          |          |         |           |           |          |
| BE C10/11 2012 <=10kVA                       | Belgien/Belgium (B)                       | x    |    |    |    |    |        |         |        |        |        |        |            |          |          |          |          |          |         |           |           |          |
| BE C10/11 2012 >10kVA                        | Belgien/Belgium (B)                       | x    | x  | x  | x  | x  | x      |         |        |        |        |        |            |          |          |          |          |          |         |           |           |          |
| BE C10/11 2019 LV                            | Belgien/Belgium (B)                       | x    | x  | x  | x  | x  |        | x       | x      | x      | x      | x      | x          | x        | x        | x        | x        | x        | x       |           |           |          |
| BE C10/11 2019 MV                            | Belgien/Belgium (B)                       | x    | x  | x  | x  | x  |        |         |        |        |        |        |            |          |          |          |          |          |         |           |           |          |
| CH NA/EEA 2014                               | Schweiz/Switzerland (CH)                  | x    | x  | x  | x  | x  | x      | x       | x      | x      | x      | x      | x          | x        | x        | x        | x        | x        | x       | x         | x         | x        |
| CH VDE4105 2011                              | Schweiz/Switzerland (CH)                  | x    | x  | x  | x  | x  | x      |         | x      | x      | x      | x      | x          |          | x        | x        | x        | x        | x       |           |           |          |
| CY EN50438 2013                              | Zypern/Cyprus (CY)                        | x    | x  | x  | x  | x  | x      | x       | x      | x      | x      | x      | x          | x        | x        | x        | x        | x        | x       |           |           |          |
| CZ EN50438 2013                              | Tschechische Republik/Czech Republic (CZ) | x    | x  | x  | x  | x  |        | x       | x      | x      | x      | x      | x          | x        | x        | x        | x        | x        | x       |           |           |          |
| CZ PPDS 2018 <16A                            | Tschechische Republik/Czech Republic (CZ) | x    |    |    |    |    |        | x       | x      | x      | x      | x      | x          | x        | x        | x        | x        | x        | x       |           |           |          |
| CZ PPDS 2018 >16A                            | Tschechische Republik/Czech Republic (CZ) | x    | x  | x  | x  | x  |        | x       | x      | x      | x      | x      | x          | x        | x        | x        | x        | x        | x       |           |           |          |
| DE VDE4105 cosphi=1                          | Deutschland/Germany (DE)                  | x    | x  | x  | x  | x  | x      | x       | x      | x      | x      | x      | x          | x        | x        | x        | x        | x        | x       | x         | x         | x        |
| DE VDE4105 cosphi(P)                         | Deutschland/Germany (DE)                  | x    | x  | x  | x  | x  | x      | x       | x      | x      | x      | x      | x          | x        | x        | x        | x        | x        | x       |           |           |          |
| DE VDE4105 Q(U)                              | Deutschland/Germany (DE)                  | x    | x  | x  | x  | x  | x      | x       | x      | x      | x      | x      | x          | x        | x        | x        | x        | x        | x       |           |           |          |
| DE VDE4110 LV                                | Deutschland/Germany (DE)                  | x    | x  | x  | x  | x  |        |         |        |        |        |        |            |          |          |          |          |          |         |           |           |          |
| DE VDE4110 MV                                | Deutschland/Germany (DE)                  | x    | x  | x  | x  | x  |        |         |        |        |        |        |            |          |          |          |          |          |         |           |           |          |
| DK RFG LV DK1 Type A                         | Dänemark/Denmark (DA)                     | x    | x  | x  | x  | x  |        | x       | x      | x      | x      | x      | x          | x        | x        | x        | x        | x        | x       |           |           |          |
| DK RFG LV DK2 Type A                         | Dänemark/Denmark (DA)                     | x    | x  | x  | x  | x  |        | x       | x      | x      | x      | x      | x          | x        | x        | x        | x        | x        | x       |           |           |          |
| DK RFG LV DK1 Type B                         | Dänemark/Denmark (DA)                     | x    | x  | x  | x  | x  |        |         |        |        |        |        |            |          |          |          |          |          |         |           |           |          |
| DK RFG LV DK2 Type B                         | Dänemark/Denmark (DA)                     | x    | x  | x  | x  | x  |        |         |        |        |        |        |            |          |          |          |          |          |         |           |           |          |
| DK RFG MV DK1 Type B                         | Dänemark/Denmark (DA)                     | x    | x  | x  | x  | x  |        |         |        |        |        |        |            |          |          |          |          |          |         |           |           |          |
| DK RFG MV DK2 Type B                         | Dänemark/Denmark (DA)                     | x    | x  | x  | x  | x  |        |         |        |        |        |        |            |          |          |          |          |          |         |           |           |          |
| DK TF3.2.1 2016                              | Dänemark/Denmark (DA)                     |      |    |    |    |    |        |         | x      | x      | x      | x      | x          |          |          | x        | x        | x        | x       |           |           |          |
| DK TF3.3.1 DK1 Type A                        | Dänemark/Denmark (DA)                     |      |    |    |    |    |        |         |        |        |        |        |            |          | x        | x        | x        | x        | x       |           |           |          |
| DK TF3.3.1 DK2 Type A                        | Dänemark/Denmark (DA)                     |      |    |    |    |    |        |         |        |        |        |        |            |          | x        | x        | x        | x        | x       |           |           |          |
| EE EN50549-1 Type A                          | Estland/Estonia (EE)                      | x    | x  | x  | x  | x  |        | x       | x      | x      | x      | x      | x          | x        | x        | x        | x        | x        | x       |           |           |          |
| ES RD1699 RD431 Main                         | Spanien Inseln/Spain Island (ES Island)   | x    | x  | x  | x  | x  | x      | x       | x      | x      | x      | x      | x          | x        | x        | x        | x        | x        | x       |           |           |          |
| ES RD1699 RD431 Isl.                         | Spanien Inseln/Spain Island (ES Island)   |      |    |    |    |    |        | x       | x      | x      | x      | x      | x          | x        | x        | x        | x        | x        | x       |           |           |          |
| ES RD661 2007                                | Spanien Inseln/Spain Island (ES Island)   | x    | x  | x  | x  | x  | x      |         |        |        |        |        |            |          |          |          |          |          |         |           |           |          |
| FI EN50438 2013                              | Finnland/Finland (FI)                     |      |    |    |    |    |        |         | x      | x      | x      | x      | x          |          |          | x        | x        | x        | x       |           |           |          |
| FI VJV2018 Type A                            | Finnland/Finland (FI)                     | x    | x  | x  | x  | x  |        | x       | x      | x      | x      | x      | x          | x        | x        | x        | x        | x        | x       |           |           |          |

Technische Änderungen und Irrtümer vorbehalten. Aktuelle Informationen finden Sie unter [www.kostal-solar-electric.com](http://www.kostal-solar-electric.com). Hersteller: KOSTAL Industrie Elektrik GmbH, Hagen, Deutschland  
This manual is subject to technical changes and printing errors. You can find current information at [www.kostal-solar-electric.com](http://www.kostal-solar-electric.com). Manufacturer: KOSTAL Industrie Elektrik GmbH, Hagen, Germany

### Kontakt/Contact

KOSTAL Solar Electric GmbH  
Hanferstr. 6  
79108 Freiburg i. Br.  
Deutschland  
Tel. +49 761 477 44 - 100  
Fax +49 761 477 44 - 111  
[www.kostal-solar-electric.com](http://www.kostal-solar-electric.com)

| Wechselrichter Anzeige¹<br>Inverter Display¹ | Land / Country¹                                                  | PIKO |    |    |    |    |        | PIKO IQ |        |        |        |        |       | PLENTICORE |          |          |          |          |         |           |           |          |  |  |  |  |  |  |  |
|----------------------------------------------|------------------------------------------------------------------|------|----|----|----|----|--------|---------|--------|--------|--------|--------|-------|------------|----------|----------|----------|----------|---------|-----------|-----------|----------|--|--|--|--|--|--|--|
|                                              |                                                                  | 10   | 12 | 15 | 17 | 20 | 36 EPC | IQ 3.0  | IQ 4.2 | IQ 5.5 | IQ 7.0 | IQ 8.5 | IQ 10 | plus 3.0   | plus 4.2 | plus 5.5 | plus 7.0 | plus 8.5 | plus 10 | BI 5.5/13 | BI 5.5/26 | BI 10/26 |  |  |  |  |  |  |  |
| Firmware                                     |                                                                  | 6.14 |    |    |    |    | 5.70   | 1.43    |        |        |        |        |       |            |          |          |          |          |         |           |           |          |  |  |  |  |  |  |  |
| FI VJV2018 Type B                            | Finnland/Finland (FI)                                            | x    | x  | x  | x  | x  |        |         |        |        |        |        |       |            |          |          |          |          |         |           |           |          |  |  |  |  |  |  |  |
| FR ENEDIS 64                                 | Frankreich/France (FR)                                           |      |    |    |    |    | x      |         |        |        |        |        |       |            |          |          |          |          |         |           |           |          |  |  |  |  |  |  |  |
| FR VFR2014                                   | Frankreich/France (FR)                                           | x    | x  | x  | x  | x  | x      |         | x      | x      | x      | x      | x     |            | x        | x        | x        | x        | x       |           |           |          |  |  |  |  |  |  |  |
| FR VFR2019                                   | Frankreich/France (FR)                                           | x    | x  | x  | x  | x  | x      | x       | x      | x      | x      | x      | x     | x          | x        | x        | x        | x        | x       |           |           |          |  |  |  |  |  |  |  |
| GR RFG Type A Main                           | Griechenland Festland/Greece Country (GR Continent)              | x    | x  | x  | x  | x  |        | x       | x      | x      | x      | x      | x     | x          | x        | x        | x        | x        | x       |           |           |          |  |  |  |  |  |  |  |
| GR RFG Type A Islands                        | Griechenland Festland/Greece Country (GR Continent)              | x    | x  | x  | x  | x  |        | x       | x      | x      | x      | x      | x     | x          | x        | x        | x        | x        | x       |           |           |          |  |  |  |  |  |  |  |
| GR RFG Type B Main                           | Griechenland Festland/Greece Country (GR Continent)              | x    | x  | x  | x  | x  |        |         |        |        |        |        |       |            |          |          |          |          |         |           |           |          |  |  |  |  |  |  |  |
| GR VDE0126 PPC Main                          | Griechenland Festland/Greece Country (GR Continent)              | x    | x  | x  | x  | x  | x      | x       | x      | x      | x      | x      | x     | x          | x        | x        | x        | x        | x       |           |           |          |  |  |  |  |  |  |  |
| GR VDE0126 PPC Islands                       | Griechenland Festland/Greece Country (GR Continent)              | x    | x  | x  | x  | x  | x      | x       | x      | x      | x      | x      | x     | x          | x        | x        | x        | x        | x       |           |           |          |  |  |  |  |  |  |  |
| IT CEI0-16 2017                              | Italien/Italy (IT)                                               | x    | x  | x  | x  | x  | x      |         |        |        |        |        |       |            |          |          |          |          |         |           |           |          |  |  |  |  |  |  |  |
| IT CEI0-16 2019                              | Italien/Italy (IT)                                               | x    | x  | x  | x  | x  |        |         |        |        |        |        |       |            |          |          |          |          |         |           |           |          |  |  |  |  |  |  |  |
| IT CEI0-21 2017 <11kW                        | Italien/Italy (IT)                                               | x    |    |    |    |    |        |         | x      | x      | x      | x      | x     |            | x        | x        | x        | x        | x       |           |           |          |  |  |  |  |  |  |  |
| IT CEI0-21 2017 >11kW                        | Italien/Italy (IT)                                               | x    | x  | x  | x  | x  |        |         |        |        |        |        |       |            |          |          |          |          |         |           |           |          |  |  |  |  |  |  |  |
| IT CEI0-21 2019 <11kW                        | Italien/Italy (IT)                                               | x    |    |    |    |    |        |         | x      | x      | x      | x      | x     | x          | x        | x        | x        | x        | x       |           |           |          |  |  |  |  |  |  |  |
| IT CEI0-21 2019 >11kW                        | Italien/Italy (IT)                                               | x    | x  | x  | x  | x  |        |         | x      | x      | x      | x      | x     | x          | x        | x        | x        | x        | x       |           |           |          |  |  |  |  |  |  |  |
| JO G59/3-3 LV                                | Jordanien/Jordan (JO)                                            | x    | x  | x  | x  | x  | x      |         | x      | x      | x      | x      | x     |            | x        | x        | x        | x        | x       |           |           |          |  |  |  |  |  |  |  |
| JO G83/2                                     | Jordanien/Jordan (JO)                                            | x    | x  | x  | x  | x  |        |         | x      | x      | x      | x      | x     |            | x        | x        | x        | x        | x       |           |           |          |  |  |  |  |  |  |  |
| JO IRR-DCC-MV 2015                           | Jordanien/Jordan (JO)                                            | x    | x  | x  | x  | x  | x      |         |        |        |        |        |       |            |          |          |          |          |         |           |           |          |  |  |  |  |  |  |  |
| LV EN50438 2013                              | Lettland/Latvia (LV)                                             |      |    |    |    |    |        |         | x      | x      | x      | x      | x     | x          | x        | x        | x        | x        | x       |           |           |          |  |  |  |  |  |  |  |
| NL EN50438 2013                              | Niederlande/Netherlands (NL)                                     | x    | x  | x  | x  | x  | x      |         | x      | x      | x      | x      | x     | x          | x        | x        | x        | x        | x       |           |           |          |  |  |  |  |  |  |  |
| NL EN50549-1 2019 <11kW                      | Niederlande/Netherlands (NL)                                     | x    |    |    |    |    |        |         | x      | x      | x      | x      | x     | x          | x        | x        | x        | x        | x       |           |           |          |  |  |  |  |  |  |  |
| NL EN50549-1 2019 >11kW                      | Niederlande/Netherlands (NL)                                     | x    | x  | x  | x  | x  |        |         | x      | x      | x      | x      | x     | x          | x        | x        | x        | x        | x       |           |           |          |  |  |  |  |  |  |  |
| NO EN50438 2013                              | Norwegen/Norway (NO)                                             |      |    |    |    |    |        |         | x      | x      | x      | x      | x     | x          | x        | x        | x        | x        | x       |           |           |          |  |  |  |  |  |  |  |
| PL EN50438 2013                              | Polen/Poland (PL)                                                | x    | x  | x  | x  | x  | x      |         | x      | x      | x      | x      | x     | x          | x        | x        | x        | x        | x       |           |           |          |  |  |  |  |  |  |  |
| PL EN50549-1 2019                            | Polen/Poland (PL)                                                | x    | x  | x  | x  | x  |        |         | x      | x      | x      | x      | x     | x          | x        | x        | x        | x        | x       |           |           |          |  |  |  |  |  |  |  |
| PT EN50438 2013                              | Portugal/Portugal (PT)                                           | x    | x  | x  | x  | x  | x      |         | x      | x      | x      | x      | x     | x          | x        | x        | x        | x        | x       |           |           |          |  |  |  |  |  |  |  |
| PT EN50438 2013 3.45kW                       | Portugal/Portugal (PT)                                           |      |    |    |    |    |        |         | x      |        |        |        |       |            |          | x        |          |          |         |           |           |          |  |  |  |  |  |  |  |
| PT EN50438 2013 3.68kW                       | Portugal/Portugal (PT)                                           |      |    |    |    |    |        |         | x      |        |        |        |       |            |          | x        |          |          |         |           |           |          |  |  |  |  |  |  |  |
| SE EIFS2018-2                                | Schweden/Sweden (SE)                                             | x    | x  | x  | x  | x  |        |         | x      | x      | x      | x      | x     | x          | x        | x        | x        | x        | x       |           |           |          |  |  |  |  |  |  |  |
| SE EN50438 2013                              | Schweden/Sweden (SE)                                             | x    | x  | x  | x  | x  |        |         | x      | x      | x      | x      | x     |            | x        | x        | x        | x        | x       |           |           |          |  |  |  |  |  |  |  |
| CEI0-16 2017                                 | Mit Standardwerten /with default settings, Kroatien/Croatia (HR) | x    | x  | x  | x  | x  | x      |         |        |        |        |        |       |            |          |          |          |          |         |           |           |          |  |  |  |  |  |  |  |
| CEI0-16 2019                                 | Mit Standardwerten /with default settings, Kroatien/Croatia (HR) | x    | x  | x  | x  | x  |        |         |        |        |        |        |       |            |          |          |          |          |         |           |           |          |  |  |  |  |  |  |  |

**Kontakt/Contact**

KOSTAL Solar Electric GmbH  
Hanferstr. 6  
79108 Freiburg i. Br.  
Deutschland  
Tel. +49 761 477 44 - 100  
Fax +49 761 477 44 - 111  
[www.kostal-solar-electric.com](http://www.kostal-solar-electric.com)

| Wechselrichter Anzeige¹<br>Inverter Display¹ | Land / Country¹                                                                                                                | PIKO |    |    |    |    |        | PIKO IQ |        |        |        |        |       | PLENTICORE |          |          |          |          |         |           |           |          |  |  |  |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------|----|----|----|----|--------|---------|--------|--------|--------|--------|-------|------------|----------|----------|----------|----------|---------|-----------|-----------|----------|--|--|--|
|                                              |                                                                                                                                | 10   | 12 | 15 | 17 | 20 | 36 EPC | IQ 3.0  | IQ 4.2 | IQ 5.5 | IQ 7.0 | IQ 8.5 | IQ 10 | plus 3.0   | plus 4.2 | plus 5.5 | plus 7.0 | plus 8.5 | plus 10 | BI 5.5/13 | BI 5.5/26 | BI 10/26 |  |  |  |
| Firmware                                     |                                                                                                                                | 6.14 |    |    |    |    | 5.70   | 1.43    |        |        |        |        |       |            |          |          |          |          |         |           |           |          |  |  |  |
| CEIO-21 2017 <11.08kW                        | Mit Standardwerten /with default settings                                                                                      | x    |    |    |    |    |        |         | x      | x      | x      | x      | x     |            | x        | x        | x        | x        | x       |           |           |          |  |  |  |
| CEIO-21 2017 >11.08kW                        | Mit Standardwerten /with default settings                                                                                      | x    | x  | x  | x  | x  |        |         | x      | x      | x      | x      | x     |            | x        | x        | x        | x        | x       |           |           |          |  |  |  |
| CEIO-21 2019 <11.08kW                        | Mit Standardwerten /with default settings, Kroatien/Croatia (HR)                                                               |      |    |    |    |    |        | x       | x      | x      | x      | x      | x     | x          | x        | x        | x        | x        | x       |           |           |          |  |  |  |
| CEIO-21 2019 >11.08kW                        | Mit Standardwerten /with default settings, Kroatien/Croatia (HR)                                                               | x    | x  | x  | x  | x  |        | x       | x      | x      | x      | x      | x     | x          | x        | x        | x        | x        | x       |           |           |          |  |  |  |
| EN50438 2013                                 | Mit Standardwerten /with default settings, Estland/Estonia (EE), Litauen/Lithuania (LT), Türkei/Turkey (TR)                    | x    | x  | x  | x  | x  | x      | x       | x      | x      | x      | x      | x     | x          | x        | x        | x        | x        | x       |           |           |          |  |  |  |
| EN50549-1 2019                               | Mit Standardwerten /with default settings, Estland/Estonia (EE), Litauen/Lithuania (LT), Türkei/Turkey (TR)                    | x    | x  | x  | x  | x  |        | x       | x      | x      | x      | x      | x     | x          | x        | x        | x        | x        | x       |           |           |          |  |  |  |
| EN50549-2 2019                               | Mit Standardwerten /with default settings, Estland/Estonia (EE), Litauen/Lithuania (LT), Türkei/Turkey (TR)                    | x    | x  | x  | x  | x  |        |         |        |        |        |        |       |            |          |          |          |          |         |           |           |          |  |  |  |
| G59/3-3 LV                                   | Mit Standardwerten /with default settings                                                                                      | x    | x  | x  | x  | x  | x      |         | x      | x      | x      | x      | x     |            | x        | x        | x        | x        | x       |           |           |          |  |  |  |
| G59/3-3 HV                                   | Mit Standardwerten /with default settings                                                                                      | x    | x  | x  | x  | x  | x      |         |        |        |        |        |       |            |          |          |          |          |         |           |           |          |  |  |  |
| G83/2                                        | Mit Standardwerten /with default settings                                                                                      | x    | x  | x  | x  | x  |        |         | x      | x      | x      | x      | x     |            | x        | x        | x        | x        | x       |           |           |          |  |  |  |
| G98/1-3                                      | Mit Standardwerten /with default settings, Malta/Malta (MT), Singapur/Singapur (SG)                                            |      |    |    |    |    |        |         | x      | x      | x      | x      | x     | x          | x        | x        | x        | x        | x       |           |           |          |  |  |  |
| G99/1-4 LV                                   | Mit Standardwerten /with default settings, Malta/Malta (MT), Singapur/Singapur (SG)                                            | x    | x  | x  | x  | x  | x      | x       | x      | x      | x      | x      | x     | x          | x        | x        | x        | x        | x       |           |           |          |  |  |  |
| G99/1-4 MV                                   | Vereinigtes Königreich/United Kingdom (UK)                                                                                     | x    | x  | x  | x  | x  | x      |         |        |        |        |        |       |            |          |          |          |          |         |           |           |          |  |  |  |
| IEC61727 / 62116                             | Mit Standardwerten /with default settings, Ungarn/Hungary (HU), Kroatien/Croatia (HR), Marokko/Morocco (MA)                    | x    | x  | x  | x  | x  | x      |         | x      | x      | x      | x      | x     |            | x        | x        | x        | x        | x       |           |           |          |  |  |  |
| VDE 0126-1-1                                 | Mit Standardwerten /with default settings, Estland/Estonia (EE), Lettland/Latvia (LV), Montenegro (ME), Slowakei/Slovakia (SK) | x    | x  | x  | x  | x  | x      |         | x      | x      | x      | x      | x     |            | x        | x        | x        | x        | x       |           |           |          |  |  |  |
| VDE 4100/4105                                | Mit Standardwerten /with default settings                                                                                      |      |    |    |    |    |        |         |        |        |        |        |       |            |          |          |          |          |         |           | x         | x        |  |  |  |
| VDE 4105 2011                                | Mit Standardwerten /with default settings                                                                                      | x    | x  | x  | x  | x  | x      |         | x      | x      | x      | x      | x     |            | x        | x        | x        | x        | x       |           |           |          |  |  |  |
| VDE 4105 2018                                | Mit Standardwerten /with default settings, Belgien/Belgium (BE), Luxemburg/Luxembourg (LU), Schweiz/Switzerland (CH)           | x    | x  | x  | x  | x  | x      | x       | x      | x      | x      | x      | x     | x          | x        | x        | x        | x        | x       |           |           |          |  |  |  |

¹ Siehe freigegebene Länder / See released countries

**Kontakt/Contact**

KOSTAL Solar Electric GmbH  
Hanferstr. 6  
79108 Freiburg i. Br.  
Deutschland  
Tel. +49 761 477 44 - 100  
Fax +49 761 477 44 - 111  
[www.kostal-solar-electric.com](http://www.kostal-solar-electric.com)