

**Product datasheet: Solar collectors to regulation (EU) no. 812/2013**

|  |            | <b>SOL 27 premium S</b> |
|--|------------|-------------------------|
|  |            | 230016                  |
| Manufacturer                           |            | STIEBEL ELTRON          |
| Collector efficiency $\eta_{col}$      | %          | 66                      |
| Collector aperture area $A_{sol}$      | $m^2$      | 2,39                    |
| Optical efficiency $\eta_0$            |            | 0,823                   |
| Linear heat transfer coefficient $a_1$ | $W/m^2K^2$ | 0,0148                  |
| Square heat transfer coefficient $a_2$ | $W/(m^2K)$ | 3,52                    |
| Incidence angle correction factor IAM  |            | 0,94                    |