

Product datasheet: Solar collectors to regulation (EU) no. 812/2013 / (S.I. 2019 No. 539 / Schedule 2)

|  |            | <b>SOL 27 basic</b> |
|--|------------|---------------------|
|  |            | 228927              |
| Manufacturer                           |            | STIEBEL ELTRON      |
| Collector efficiency $\eta_{col}$      | %          | 63                  |
| Collector aperture area $A_{sol}$      | $m^2$      | 2.39                |
| Optical efficiency $\eta_0$            |            | 0,790               |
| Linear heat transfer coefficient $a_1$ | $W/m^2K^2$ | 0,0142              |
| Square heat transfer coefficient $a_2$ | $W/(m^2K)$ | 3,42                |
| Incidence angle correction factor IAM  |            | 0.93                |