

# Smart Module

Monocrystalline PERC Module with Half-cut Cell Technology and Integrated Power Optimizer  
SPV355-R60DBMG / SPV360-R60DBMG



SMART MODULE

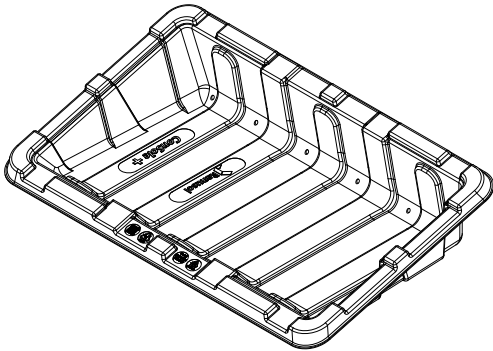
## PV to grid solution including full service from SolarEdge

- Easy installation with module pre-assembled power optimizer
- Optimized energy output by constantly tracking the maximum power point (MPPT) of each module individually
- Module-level voltage shutdown for installer and firefighter safety
- Full visibility of system performance from module to grid
- Superior quality control with full automatic production line
- Excellent mechanical loading and shock resistance performance
- Elegant design with black frame
- 15-year module warranty and 25-year performance warranty
- Specifically designed to work with SolarEdge inverters

[solaredge.com](https://solaredge.com)



## System Datasheet CS+



|                           |                                                                                        |
|---------------------------|----------------------------------------------------------------------------------------|
| General                   |                                                                                        |
| System                    | Freestanding ballasted PV mounting system                                              |
| Scope of delivery         | CS+ tub, mounting profiles and fixing material                                         |
| System warranty           | 10 years                                                                               |
| Application area          | Flat roofs, landfills, open spaces, green areas (excluding hydrogen sulphide exposure) |
| Dimensions                | Width: 1.730mm, depth: 1.100 mm, height: 390mm                                         |
| Roof slope                | max. 5° without additional measures                                                    |
| Ambient temperature range | -30°C to +50°C                                                                         |

|                               |                                                                   |
|-------------------------------|-------------------------------------------------------------------|
| System properties             |                                                                   |
| System orientation            | East-West, South                                                  |
| Material                      | HDPE, aluminium and stainless steel                               |
| Module tilt                   | 15°                                                               |
| System weight approx.         | ≈ 7,9 kg                                                          |
| Friction coefficient          | μ =0,5 is to be determined and ensured upon installation surface. |
| Minimum edge distance         | 1,5 m                                                             |
| Maximum snow load on the roof | 2,5 kN/m²                                                         |

|                 |                                                            |
|-----------------|------------------------------------------------------------|
| Certifications  |                                                            |
| TÜV             | ID1111212485 according to 2PFG                             |
| Wind loads      | Determined in wind tunnel tests by Ruscheweyh Consult GmbH |
| Fire resistance | MPA Dresden                                                |
| UV resistance   | KIMW Kunststoff Institut Lüdenscheid                       |

|              |                     |
|--------------|---------------------|
| Services     |                     |
| PV layout    | Provided by Renusol |
| Ballast plan | Provided by Renusol |

CS+ 03 | 2021  
EN | Renusol System Datasheet  
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |          |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------|------------|
| No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Date       | Revision | Notes      |
| <br>info@offgridarchitecture.co.uk   www.offgridarchitecture.co.uk<br>t 44 (0)1159 487619                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |          |            |
| These details are subject to all relevant statutory approvals. If in doubt, check all dimensions are to be checked on site. Areas where quoted are approximate. Figure dimensions only are to be taken from this drawing. Any discrepancies with other related information is to be reported to OFFGRID Architecture prior to order/construction/installation. This document should not be relied on or used in circumstances other than those for which it was originally prepared and for which OFFGRID Architecture was commissioned. OFFGRID Architecture accepts no responsibility for this document to any party other than the person by whom it was commissioned. |            |          |            |
| Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            |          |            |
| PLANNING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |          |            |
| Project Title                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            |          |            |
| EXTENSIONS & ALTERATIONS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |          |            |
| Project Address                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |          |            |
| Bincknoll Cottage, Royal Wootton Bassett, Swindon, SN4 8QT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |          |            |
| Sheet Title                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |          |            |
| PROP PV DETAILS 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |          |            |
| Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Date       | Drawn By | Project ID |
| NTS @ A3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 29/09/2025 | SJT      | 2512 073   |