

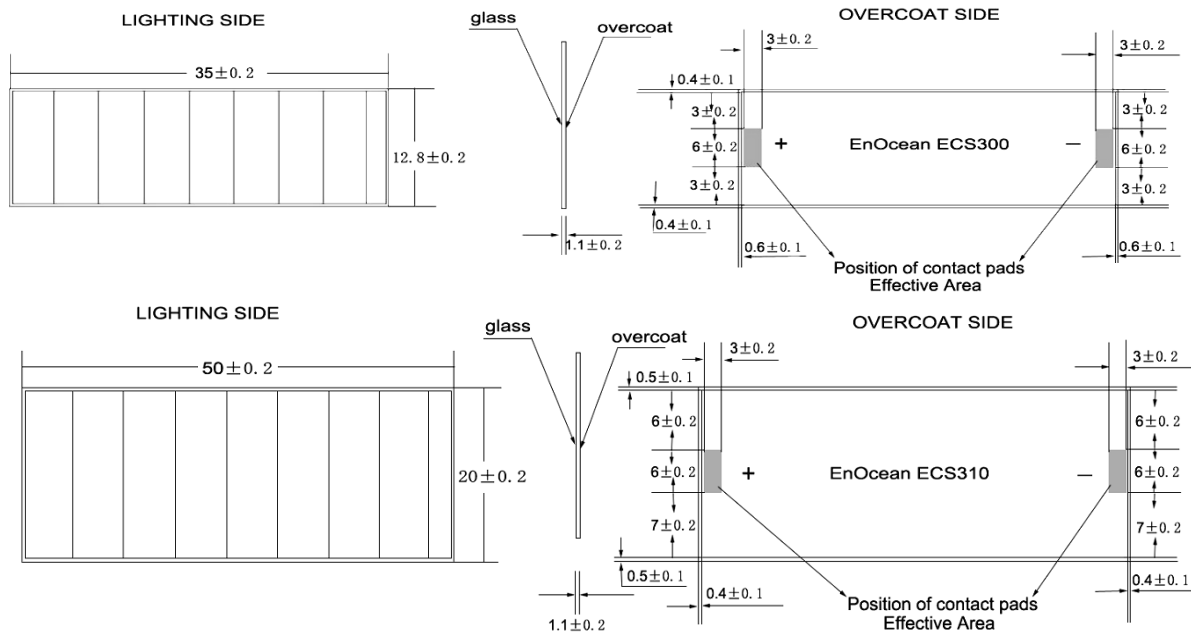
## Solar cells ECS 300 and ECS 310

The indoor solar cells ECS 300 and ECS 310 are designed for use with the EnOcean sensor module STM 300/STM 300C.

The smaller ECS 300 is intended to be used in unidirectional sensor applications. ECS 310 is designed for use in bi-directional applications using EnOcean Smart Ack technology.



Type	Ordering Code
ECS 300	S3005-D305
ECS 310	S3005-D310



### Features overview

	ECS 300	ECS 310
<b>Size (tolerance ±0.2 mm)</b>	<b>35.0×12.8×1.1 mm</b>	<b>50.0×20.0×1.1 mm</b>
<b>Number of cells</b>	<b>8</b>	<b>8</b>
<b>Open Circuit Voltage @200 lux, 25°C</b>	<b>4 V</b>	<b>4 V</b>
<b>Short Circuit Current @200 lux, 25°C</b>	<b>6.5 µA</b>	<b>14 µA</b>
<b>Operating Voltage @200 lux, 25°C</b>	<b>3 V</b>	<b>3 V</b>
<b>Operating Current @200 lux, 25°C</b>	<b>4.5 µA</b>	<b>11 µA</b>
<b>Operating temperature</b>	<b>-20 °C ... +65 °C</b>	<b>-20 °C ... +65 °C</b>
<b>Storage Temperature</b>	<b>-20 °C ... +65 °C</b>	<b>-20 °C ... +65 °C</b>
<b>Storage humidity</b>	<b>&lt;75% r.h.</b>	<b>&lt;75% r.h.</b>
<b>Packing unit</b>	<b>250 pcs</b>	<b>100 pcs</b>