

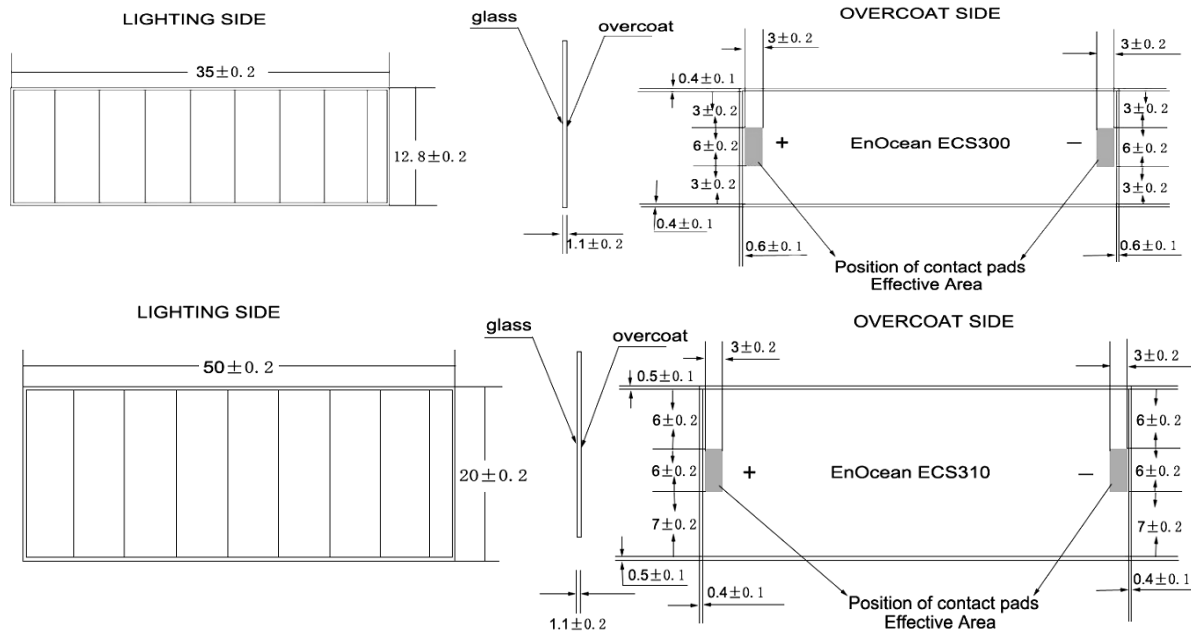
Solar cells ECS 300 and ECS 310

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