

# Product data sheet

## Characteristics

# AEH-SCC02-3A

## Solar Charge Controller with USB - 3A



### Main

Solar input	17 V - 21 V DC
Maximum rated output current	3 A continuous load 3.9 A for 1 hour
Rated output power	36 W
Cell phone charger port	5.5 V, 400 mA
Battery high	Green LED and Yellow LED on the right are ON
Battery in conservation mode	Yellow LED is ON
Battery cutoff	Red LED is ON
Battery charging	Green LED on left is ON
Battery and solar panel reverse polarity protection	Yes
Battery overcharge and undercharge protection	Yes
High voltage disconnect	14.3 ± 0.2 V
Low voltage disconnect	11.6 ± 0.1 V
Reconnect voltage	12.7 V
Short circuit protection	Yes
Over current protection	Yes (fuse 5 A)
Input surge protection	Yes
<b>Product Certifications</b>	SONCAP

### Complementary Mechanical Specifications

Overall dimensions (L x B x H)	95 x 30 x 110 mm
Net weight	0.27 Kg
Gross weight	0.32 Kg

### Environmental

Operating temperature	-10 to 55°C
Relative humidity	90%

### Packaging information

Type	Dimensions (L x B x H in mm)	Net weight (Kg)	Gross weight (Kg)	No. of units
Unitary package	134 x 110 x 40	0.27	0.32	1
Group package	225 x 250 x 445	9.60	10.28	30
Pallet package	1200 x 1000 x 1024	411.20	446.20	1200

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. This information is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.