

Lighting Global Standardized Specifications Book

Manufacturer: ShenZhen JCN New Energy Technology Co., Ltd

Component Family Name: Solar BT Speaker Family

Date of Standardized Specifications Book Expiration: October 31, 2021

Verify Online: www.lightingglobal.org/products/sjcn-btfamily

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This Lighting Global Standardized Specifications Book presents a **component-level Standardized Specifications Sheet** listing the available components in the product family by component type, each individual component's performance rating, and performance results for each component tested according to the Edition 4 of IEC 62257-9-5. Following the component-level Standardized Specifications Sheet is a **list of the systems** covered by this Specifications Book that use combinations of these components.

NOTICE: Systems or kits developed using components from the component family will each perform differently and have not all been evaluated on a system-level basis. All systems listed in this Specifications Book are regarded to have passed the applicable Lighting Global Quality Standards.

Component-Level Standardized Specifications Sheet

ShenZhen JCN New Energy Technology Co., Ltd

Solar BT Speaker Family

Battery / Control Box

| Name / Model Number | Battery Chemistry | Nominal Voltage (V) | Battery Capacity Rating (mAh) | Measured Battery Capacity (mAh) |
|---------------------------------|-------------------|---------------------|-------------------------------|---------------------------------|
| Main unit with 2000 mAh battery | Lithium Ion | 7.4 | 2000 | 2600 |
| Main unit with 4000 mAh battery | Lithium Ion | 7.4 | 4000 | not tested |
| Main unit with 6000 mAh battery | Lithium Ion | 7.4 | 6000 | 6100 |

PV Module

| Name / Model Number | Peak Power at STC Rating (W) | Measured Peak Power at STC (W) |
|---------------------|------------------------------|--------------------------------|
| 3 W PV Module | 3 | 3.4 |
| 6 W PV Module | 6 | not tested |
| 8 W PV Module | 8 | not tested |
| 10 W PV Module | 10 | 10 |

Light Sources*

| Name / Model Number | Luminous Flux Rating (lm) | Measured Luminous Flux (lm) | Measured Lamp Efficacy (lm/W) |
|-------------------------------|---------------------------|-----------------------------|-------------------------------|
| | ≥ | ≥ | ≥ |
| LED bulb | 50 | 99 | 67 |
| Front LED light (integrated) | -- | 71 | 24 |
| Side Flash light (integrated) | -- | 41 | 26 |

Appliances*

| Name / Model Number | Description | Rated Power (W) | Measured Power During Use (W) | Rated Battery Capacity (mAh) | Measured Battery Capacity (mAh) |
|---------------------|-----------------------------------|-----------------|-------------------------------|------------------------------|---------------------------------|
| Integrated Radio | Radio integrated in the main unit | -- | 0.8 | -- | -- |

NOTICE: As indicated, not all components listed on this page were tested according to the Quality Test Method (QTM) in Edition 4 of IEC 62257-9-5. However, based on the satisfactory performance of the tested components in the family, the components that were not tested are regarded to have passed the applicable Lighting Global Quality Standards. In addition, all tested components passed an internal inspection, the full array of applicable QTM durability tests, as well as ingress protection testing (where applicable).

*Light points and appliances may perform differently when used with different systems.

List of Covered Systems

ShenZhen JCN New Energy Technology Co., Ltd

Solar BT Speaker Family

| System Name | Number of each component included in each system | | | | | | | |
|--|--|---------------------------------|---------------------------------|---------------------------------|---------------|---------------|---------------|----------------|
| | LED Bulb | Main Unit with 2000 mAh battery | Main Unit with 4000 mAh battery | Main Unit with 6000 mAh battery | 3 W PV Module | 6 W PV Module | 8 W PV Module | 10 W PV module |
| Solar BT Speaker System ** (FS-049-01) | 2 | 1 | | | 1 | | | |
| Solar BT Speaker System (FS-049-02) | 2 | | 1 | | | 1 | | |
| Solar BT Speaker System (FS-049-03) | 4 | | 1 | | | 1 | | |
| Solar BT Speaker System (FS-049-04) | 4 | | 1 | | | | 1 | |
| Solar BT Speaker System (FS-049-05) | 2 | | | 1 | | | | 1 |
| Solar BT Speaker System (FS-049-06) | 4 | | | 1 | | | | 1 |

**Tested as a full system. Individual SSS available on Lighting Global website.

NOTICE:

Only the Solar BT Speaker System was fully tested as a system according to Edition 4 of IEC 62257-9-5. Individual Standardized Specifications Sheets (SSS) that report system-level performance are available for the Solar BT Speaker System at www.lightingglobal.org/products. Systems that were not tested, but that were developed using components from the component family will perform differently than the system(s) shown in the individual system-level SSS. All systems listed above are regarded to have passed the applicable Lighting Global Quality Standards.

Unless otherwise noted, the following information applies to all listed systems and components:

Warranty Information

One year warranty on all kits and components