



# Shoals Technologies Group - Company Profile

## *26 Years of Inventing Simple*

### Corporate Overview

Shoals Technologies Group is a leading provider of electrical balance of system or “EBOS” solutions for solar photovoltaic, energy storage and eMobility. While conventional EBOS components are mission-critical products that may have a high consequence of failure including lost revenue, equipment damage, fire damage and even serious injury or death, Shoals’ products are designed and manufactured to make EBOS installations safer, faster, more reliable, and more cost-effective.

### Highlights

- Founded in 1996 as a Tier 1 automotive supplier; transitioned to solar EBOS in 2002
- Headquartered in Portland, Tennessee USA. Shoals’ products are certified “Made in Tennessee”
- With over 40 GW under contract, in construction, and operating, we’re the largest EBOS supplier worldwide
- State-of-the-art manufacturing with stringent quality control procedures to automotive standards
- 20 patents in USA and rest of world – details at [www.shoals.com/patents](http://www.shoals.com/patents)
- Balance of Systems winner PV Magazine 2019 Awards
- Debuted on the Nasdaq stock exchange on January 27, 2021 under the stock ticker symbol SHLS

### Mission

- Create products that can be installed by anyone – no specialized training required
- Move assembly from the field to the factory
- Leverage the factory environment to produce products with superior quality, reliability, and safety



# Product Offerings –

Shoals offers prefabricated EBOS solutions for large-scale projects

## Solar PV

Junction boxes, wireless monitoring systems, cable assemblies, string harnesses, inline fuses, Big Lead Assembly (BLA), combiner boxes, recombiner boxes, DC disconnect boxes, splice boxes, transition enclosures, AC combiners, and design services

## Energy Storage

Battery combiner enclosures, command and control auxiliary power systems

## eMobility/EV Charging

Plug-and-play EV BOS solution including power center integration, quick connect charger bases, EV-BLA, and above-ground cable raceways

## Differentiators

- Specialized manufacturing equipment developed and built in-house
- Patented resistance welding process vs. inferior ultra-sonic welding
- Patented two-process molding technology chemically bonds to jacket of cable, establishing hermetic seal
- Electric combiner boxes utilize C1100 oxygen-free busbars — highest-grade busbars for long-term reliability
- 100% in-house factory testing for all products
- High-quality designs and components built for superior long-term reliability
- Prefabricated EBOS solutions enhance overall PV system performance
- Value-add engineering capabilities deliver optimized site layouts
- Prefabricated plug-and-play components are quickly and easily installed by general labor — speeding installation and reducing labor costs
- Above-ground installation eliminates costly trenching
- Customized plug & play EBOS solutions significantly reduce material, installation labor, and O&M touch points over the life of the system, significantly reducing the Levelized Cost of Energy (LCOE) of the project — details at [info.shoals.com/bla-lcoe](http://info.shoals.com/bla-lcoe)

## Geographies Served

We serve customers throughout North America, Latin America, Europe, MENA, and APAC regions. We have sales/BD teams located in USA, Spain, and Australia. Sample projects from around the world can be viewed at [www.shoals.com/projects](http://www.shoals.com/projects).

## Certifications

- UL Certified: UL 508a, UL 1741, UL 6703, UL 9703, UL 4258-19, UL 3730, UL 62109-1
- TUV Certified: IEC 61439-1:2020, IEC 61439-2:2020, IEC 62109-1, IEC 62093, IEC 62109-1, IEC 60529
- AS 2067, AS/NSZ 3000, AS/NSZ 5033, AS/NSZ IIC 60947, AS/NSZ3008
- CSA 4248-1
- Compliant: ISO 9001:2015
- Compliant: IEC 60228, IEC 60502-1, IEC 60502-2, IEC 61238-1



## Company Codes

- NAICS code 335999