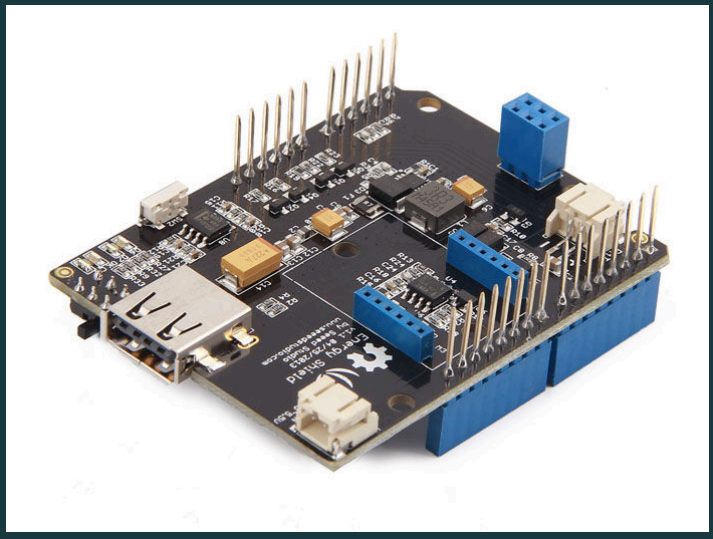
seeed studio

INDUSTRIAL PRODUCT DATASHEET

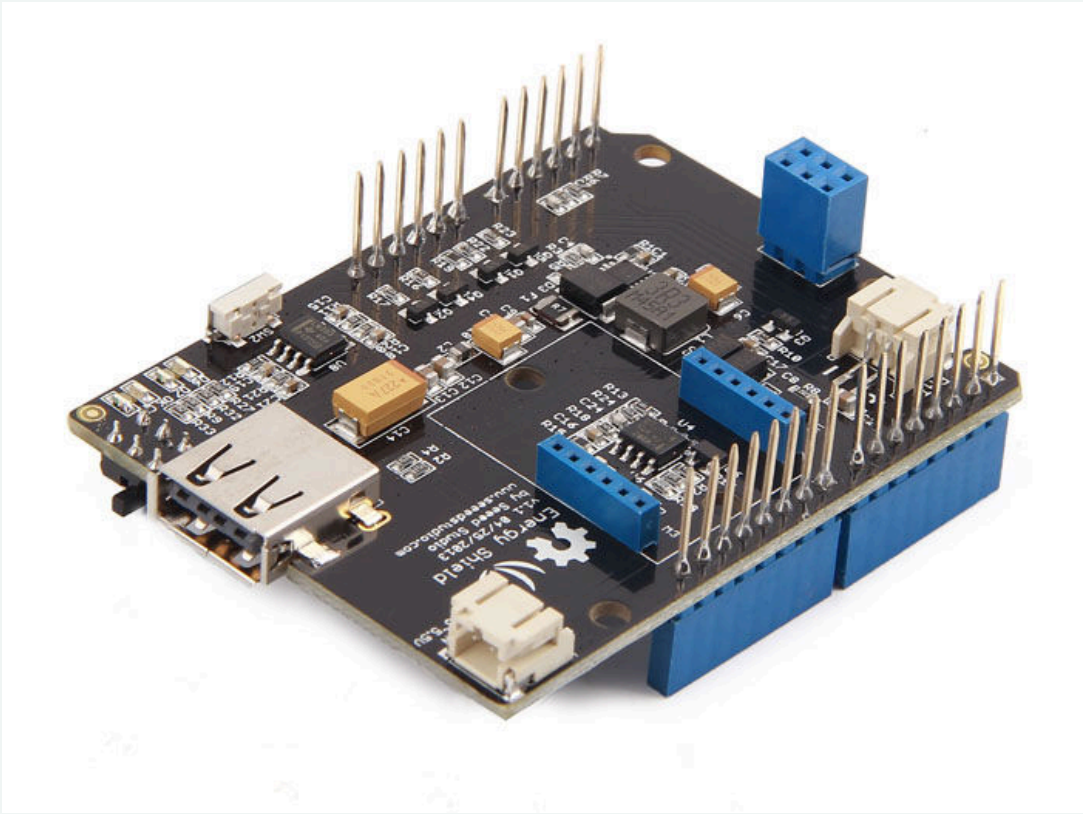
Energy Shield

Energy Shield is a LiPo battery based power shield with overvoltage protection and 85%+ conversion efficiency that charges from solar, USB, or DC sources and powers both Arduino projects and mobile devices.

SKU	UPDATED	PRICE
106030000	2026-08-24 03:19:21	$29.90(Excl. VAT)



Overview



Energy Shield is a LiPo battery based power shield that keeps your project alive by charging its battery whenever an available power source exists. It accepts a wide range of power inputs including solar cells via JST, USB via a microcontroller's USB port, and 9V or 12V DC adapters via an Arduino DC Jack, while providing power to your Arduino project and charging mobile devices through its standard USB port.

Key Features

Energy Shield is a LiPo battery based power shield that keeps your project alive. It keeps its battery charged whenever an available power source exists. It accepts a wide range of power sources, from common solar cells via JST connector and USB via USB port on microcontroller, to 9V and 12V DC adapters via DC Jack on your Arduino. Meanwhile it can not only provide power for your Arduino project, with a standard USB port populated on the shield, it's also capable of rescuing your mobile electric devices from dying batteries, such as mobile phone, mp3 and tablet.

Features

- Accept wide range of power inputs
- Overvoltage protection
- 85%+ high power conversion efficiency
- Comprehensive LEDs indicators for charging and working status

Part List

Energy Shield	1

Compliance & Logistics



HSCODE	8504909090
USHSCODE	8504904100
UPC	841454109693
EUHSCODE	8543709099
COO	CHINA

Resource Links

- https://www.seeedstudio.com/Energy-Shield.html
- Energy Shield Eagle File
- CN3065 Datasheet
- ISL97516 Datasheet
- LM293D Datasheet

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com