

REV.	Description	REV.	Description
0.0	首次发行 罗 西 2016/5/25		
0.0	V1.0 修改开关零线的连接方式 罗 西 2016/6/3		
0.0	V1.1 修改页码和参数格式 罗 西 2016/6/20		
0.0	V1.2 修改L/N线颜色,修改盒子外形 罗 西 2016/6/29		
描述	EPS BOX(UK)说明书	浙江艾罗电源有限公司 SolaX Power Co.,Ltd. Q-OP-SC-01-02 V1.0	
料号	614.00123.00		
单位	mm 页次		

技术要求：

- 1.材质80g铜版纸，彩色打印，正反打印
- 2.未注尺寸公差按 +- 1.5mm
- 3.图面、字体印刷清晰、无毛边、不起边、油墨不脱落
- 4.字体颜色为PANTONE Black C，无边框，底色为白色
- 5.符合RoHS要求

描述	EPS BOX(UK)说明书		设计	罗 西 2016/6/3
			审核	朱娴红 2016/6/29
材料	铜版纸		核准	朱娴红 2016/6/29
料号	614.00123.00	浙江艾罗电源有限公司		
单位	mm 页次			

Quick Installation Guide

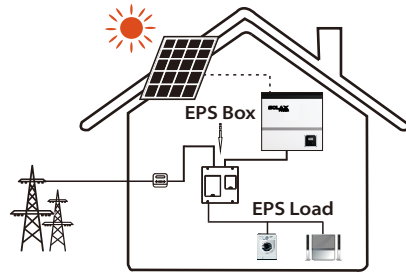
EPS Box(UK)



I Introduction

EPS Box is a manual changeover switch which is compatible with SolaX hybrid inverter. Configured with EPS Box, customers just need to connect several wires between inverter and EPS Box.

Please read this guide carefully before use.



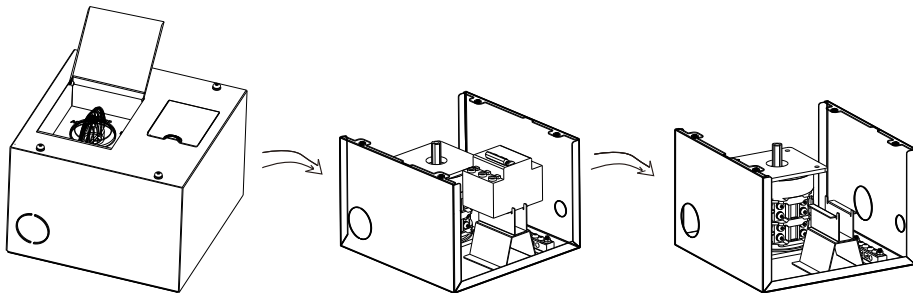
II Tools

Before you start, get the following tools ready.

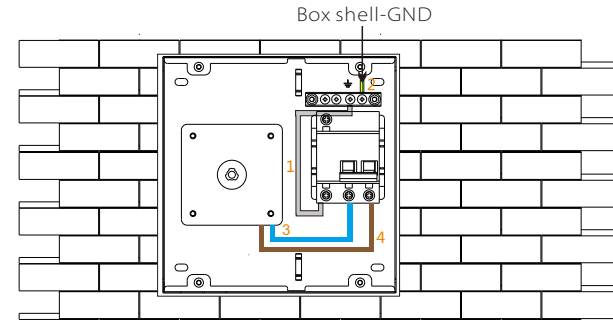


III Open the box

Open the box by the screwdriver, and take the breaker down.



IV Mounting

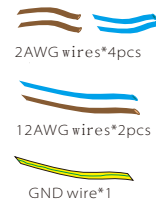


The wires marked 1,2,3 and 4 are already prepared in the EPS BOX.

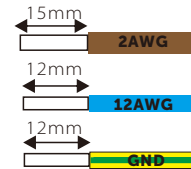
V Connect wires

5.1 Wires making

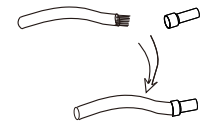
① Wires below are needed before installation.



② Use the diagonal plier to trip 15mm of insulation from one side of the wire as below.

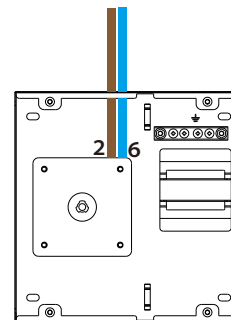


③ Insert this end of wire into cold pressed terminal and tighten it.

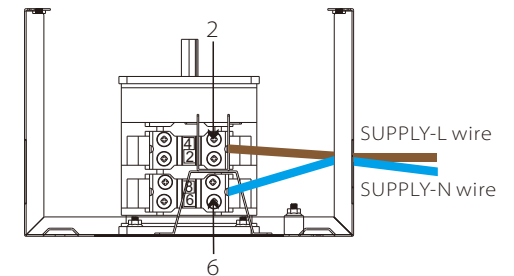


5.2 SUPPLY-wires connection

Open the tap hole, and then insert SUPPLY-L wire and SUPPLY-N wire into the ports of the contactor(2&6) through the hole.

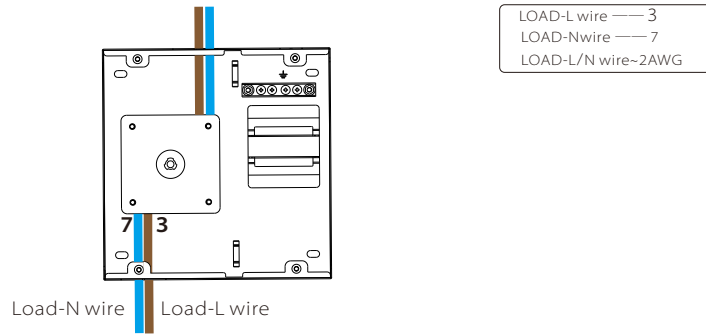


SUPPLY-L wire — 2
SUPPLY-N wire — 6
SUPPLY-L/N wire—2AWG



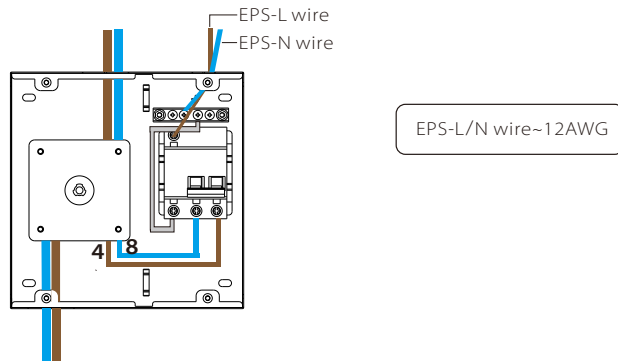
5.3 Load-wires connection

Insert LOAD-L wire and LOAD-N wire into ports of contactor(3&7) through the hole.



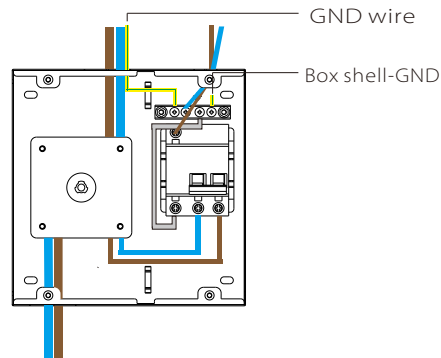
5.4 EPS-Wires connection

Open the tap hole, then install the breaker, insert the wires already on the contactor into the port of the breaker and earth bar as below, then insert EPS-N wire into the earth bar, insert EPS-L wire into the port of the breaker.



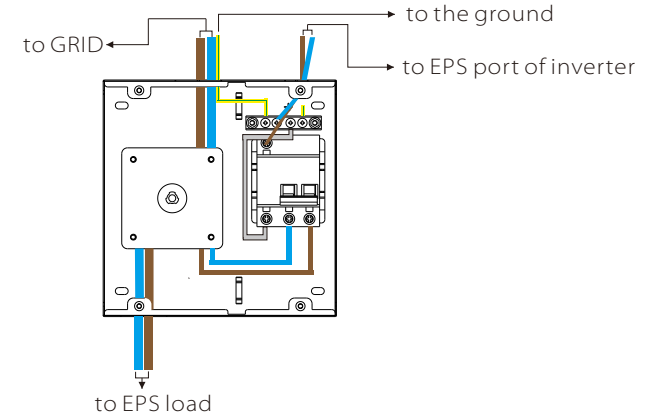
5.5 GND-Wires Connection

Insert the GND wire which is in the box into the shell of the box, then insert local GND wire into the earth bar of the box.

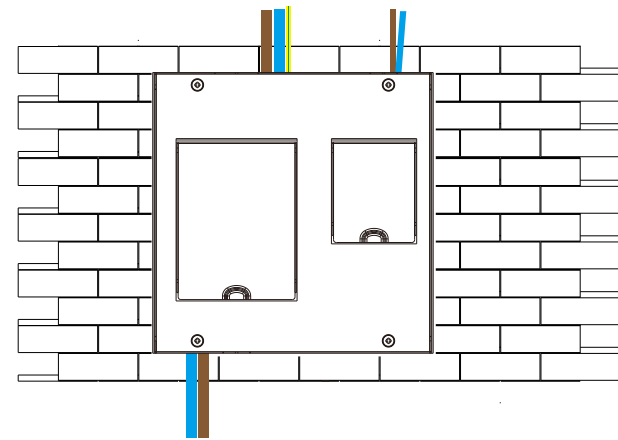


5.6 Checking

Please make sure all wires are tightened.



VI Overview of Box



VII Technical Parameters

Grid		Load	
Max.AC input current (A)	100	Rated output current(A),on grid mode	100
Rated AC voltage (V)	230	Rated output current(A),EPS mode	9
Rated AC frequency (Hz)	50	Rated Grid Voltage(V)	230
		Rated Grid Frequency(Hz)	50
EPS		General Data	
Max.EPS input current (A)	9	Operating Temperature range (°C)	-10~+50
Rated EPS voltage (V)	230	Dimension (mm)	204*204*142
Rated EPS frequency (Hz)	50	Weight (kg)	3