Catalog of G Series

Integrated Solar Street Light Outdoor Lighting

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01 Company Profile

Professional in All In One Solar Street Light

Beatles Energy

Founded in 2013, Shenzhen Beatles Energy Technology Co., Ltd. is subsidiary of the Beatles Energy Technology (HongKong) Co.,Limited. We are is integrated enterprise with R&D, production, sales, Main products including Solar Street Lights, Solar Garden Lights, Solar Water Pumps, Solar Modules and Solar Power Systems, Portable Solar Lanterns, Solar Lawn Lamps and other Solar Series products.

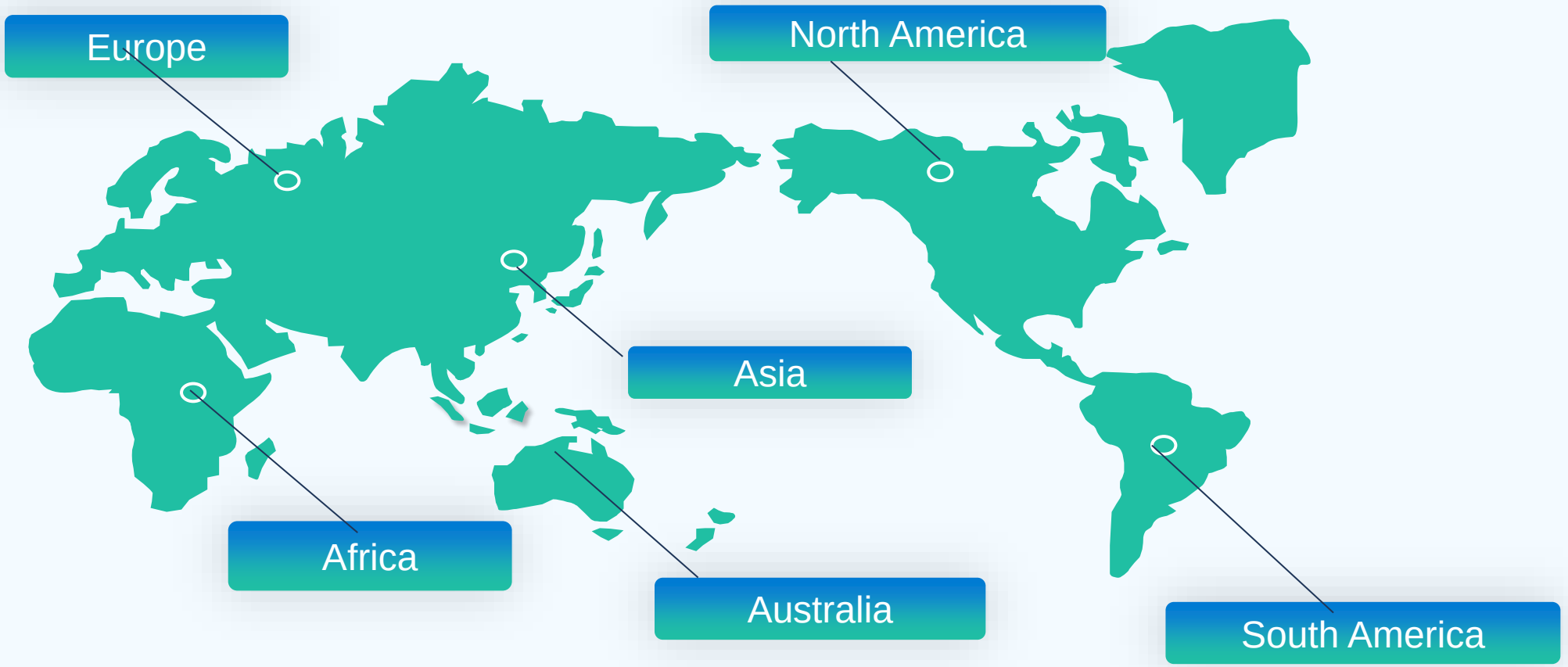
With the standardized management and specialized production, Beatles passed the IS09001 quality management system certification in September. All products had passed the CE, RoHS and IP65 certificates.In recent years, Beetle has won recognition from its peers and satisfied customers with first-class technology, high-end quality and serious service.



02

Products Introduction

G Series All in one Solar street lights


Europe
North America
Asia
Africa
Australia
South America



Features

Features

1. High class Integrated die-casting Aluminum alloy case .

2. Lighting mode with motion senor.

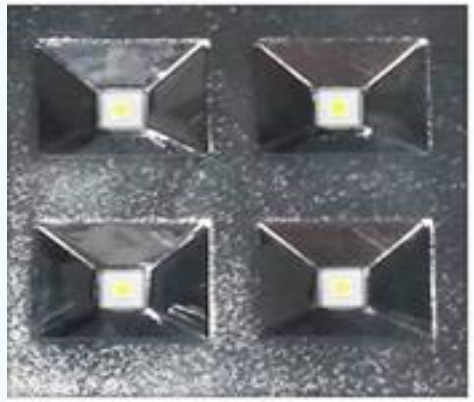
3. 120° view angle.

4. Over 3 nights lighting after full charge.

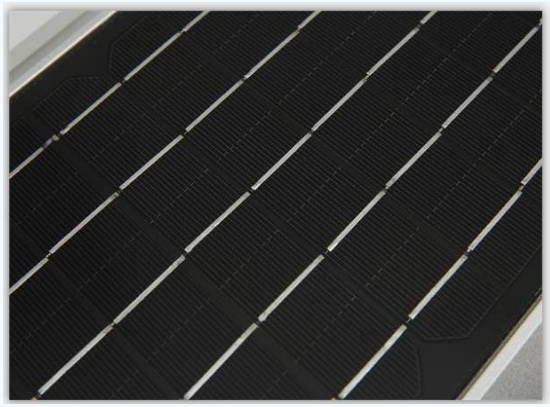
5. Easy to install, Auto on/off.

6. Above 30W（including） With remote control，UVA technology，bring high corrosion resistance，30m remote control operation，increase/decrease the brightness.

Components



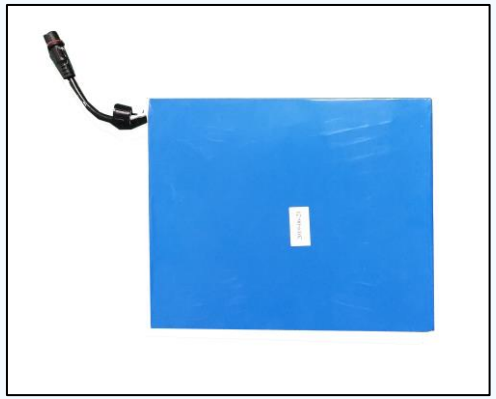
Bridgelux Led Chip



Mono Solar Panel



MPPT Controller



Lithium/LifePO4 Battery



Human Body Sensor



Switch

Images



Lighting mode
25% dim light + motion sensor
(Bright lighting 30secs when people move through the light)

JKC-G10			
Model	JKC-G10	**LED**	10W (Life time 100000hours)
Lumen(LM)	1700LM	Colour Temperature	2700K ~6500K
LifePO4 Battery	12AH 12.8V (life time 8-10years)	Solar Panel	18V 12W Imported High Efficiency Monocrystalline Silicon (Life time 25 years)
Mounting Height	3~4m	Cloudy/Rainy days	3 Cloudy/Rainy days
Material	High Class Aluminum (Anodic oxidation process)	Working Temperature	-25℃ to 65℃
Certificates	CE, ROHS, IP65,	Warranty	3 Years
Product size	530*235*150mm	Net weight	4.2kg

Application:

Courtyard/ Garden/ Park/ Street/ Roadway/ Pathway/ ParkingLot/ Privateroad/ Sidewalk/ Publicsquare/ Plaza/ Campus/ Airfield/ Farm & Ranch/ Perimeter Security/ Wildlife area/ Remote Area/ Military Base

JKC-G20





CRH Deisgn AIO Solar Street Light				
Model	JKC-G20	LED	20W Life time 100000hours)	**Lighting mode**
Lumen(LM)	3400LM	Colour Temperature	2700K ~6500K	25% dim light + motion sensor (Bright lighting 30secs when people move through the light) **(Customzied Lighitng mode is available)**
LifePO4 Battery	14AH 12.8V (life time 8-10years)	Solar Panel	18V 25W Imported High Efficiency Monocrystalline Silicon (Life time 25 years)	
Mounting Height	4~6m	Cloudy/Rainy days	3 Cloudy/Rainy days	
Material	High Class Aluminum (Anodic oxidation process)	Working Temperature	-25℃ to 65℃	**Application:** Courtyard/Garden/Park/ Street/Roadway/pathway /ParkingLot/Privateroad/ Sidewalk/Publicsquare/p laza/Campus/Airfield/Far m & Ranch/Perimeter Security/ Wildlife area/Remote Area/Military Base
Certificates	CE, ROHS, IP65,	Warranty	3-5 Years	
Product size	840*235*150mm	Net weight	6.5kg	

JKC-G30





CRH Deisgn AIO Solar Street Light				
Model	JKC-G30	LED	30W Life time 100000hours)	**Lighting mode**
Lumen(LM)	5100LM	Colour Temperature	2700K ~6500K	25% dim light + motion sensor (Bright lighting 30secs when people move through the light) **(Customzied Lighitng mode is available)**
LifePO4 Battery	18AH 12.8V (life time 8-10years)	Solar Panel	18V 35W Imported High Efficiency Monocrystalline Silicon (Life time 25 years)	
Mounting Height	5-7m	Cloudy/Rainy days	3 Cloudy/Rainy days	
Material	High Class Aluminum (Anodic oxidation process)	Working Temperature	-25℃ to 65℃	**Application:** Courtyard/Garden/Park/ Street/Roadway/pathway /ParkingLot/Privateroad/ Sidewalk/Publicsquare/p laza/Campus/Airfield/Far m & Ranch/Perimeter Security/ Wildlife area/Remote Area/Military Base
Certificates	CE, ROHS, IP65,	Warranty	3-5 Years	
Product size	1100*235*150mm	Net weight	8.5kg	

JKC-G50





CRH Deisgn AIO Solar Street Light				
Model	JKC-G50	LED	50W Life time 100000hours)	**Lighting mode**
Lumen(LM)	8500LM	Colour Temperature	2700K ~6500K	25% dim light + motion sensor (Bright lighting 30secs when people move through the light) **(Customzied Lighitng mode is available)**
LifePO4 Battery	30AH 12.8V (life time 8-10 years)	Solar Panel	18V 50W Imported High Efficiency Monocrystalline Silicon (Life time 25 years)	
Mounting Height	6~8m	Cloudy/Rainy days	3 Cloudy/Rainy days	
Material	High Class Aluminum (Anodic oxidation process)	Working Temperature	-25℃ to 65℃	**Application:** Courtyard/Garden/Park/Street/Roadway/pathway/ParkingLot/Privateroad/Sidewalk/Publicsquare/plaza/Campus/Airfield/Farm & Ranch/Perimeter Security/ Wildlife area/Remote Area/Military Base
Certificates	CE, ROHS, IP65,	Warranty	3-5 Years	
Product size	1630*435*234mm	Net weight	10.9kg/2.5kg	

JKC-G80



CRH Deisgn AIO Solar Street Light				
Model	JKC-G80	LED	80W Life time 100000hours)	**Lighting mode**
Lumen(LM)	13600LM	Colour Tempreture	2700K ~6500K	25% dim light + motion sensor (Bright lighting 30secs when people move through the light) **(Customzied Lighitng mode is available)**
LifePO4 Battery	30AH 12.8V (life time 8-10years)	Solar Panel	18V 80W Imported High Efficiency Monocrystalline Silicon (Life time 25 years)	
Mounting Height	7~9m	Cloudy/Rainy days	3 Cloudy/Rainy days	
Material	High Class Aluminum (Anodic oxidation process)	Working Tempreture	-25℃ to 65℃	**Application:** Courtyard/Garden/Park/ Street/Roadway/pathway /ParkingLot/Privateroad/ Sidewalk/Publicsquare/p laza/Campus/Airfield/Far m & Ranch/Perimeter Security/ Wildlife area/Remote Area/Military Base
Certificates	CE, ROHS, IP65,	Warranty	3-5 Years	
Product size	2000*435*234mm	Net weight	13kg/2.5kg	

Applications:

Courtyard/Garden/Park/Street/Road/Pathway/ParkingLot/Privateroad/Sidewalk/plaza/Campus/Airfield/Farm & Ranch/Perimeter Security/ Wildlife area/Remote Area/Military Base









How to install and how it work?

Use the supplied key pin to click the "on/off" socket to unlock the battery



Please fasten the light to the pole by the bolt



①

Step1: Light switch off for sun charging in daytime.

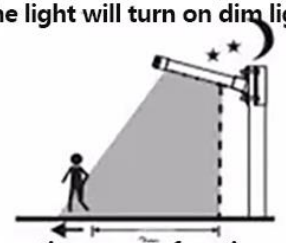


②

Step2: It will gradually turn on bright at night for 5 hours.



Step4: When people leaving 5-8m away, the light will turn on dim light

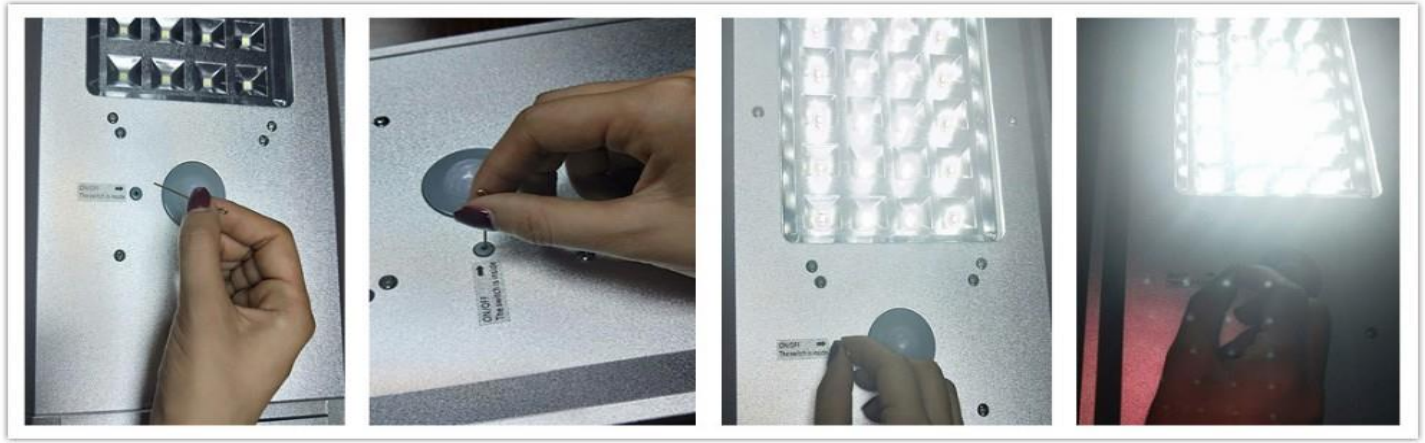


Step3: It will turn on dim light with PIR motion sensor function after 5 hours high lighting at late night, so when people come 5-8m near, the light will turn on bright light and delay 30s.

③



④



Inteligent Lighting Mode

When people pass by, the lamp is 100% power lighting when motion sensor detect the moving. When people pass away, the lamp will remain 100% power lighting for 30sec, then will automatically turn to 30% power lighting.



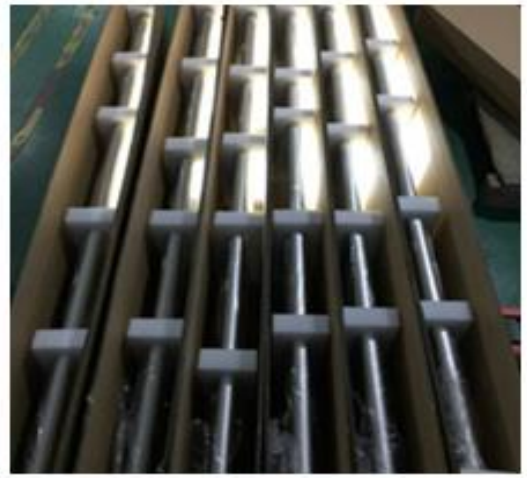
Production and Packing















Certificates



03 Project Case

Export to all over the world

USA







Indonesia



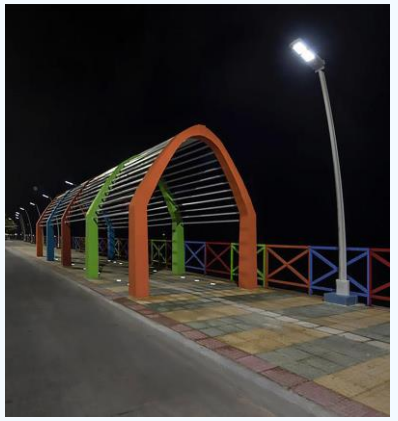


Costa Rica



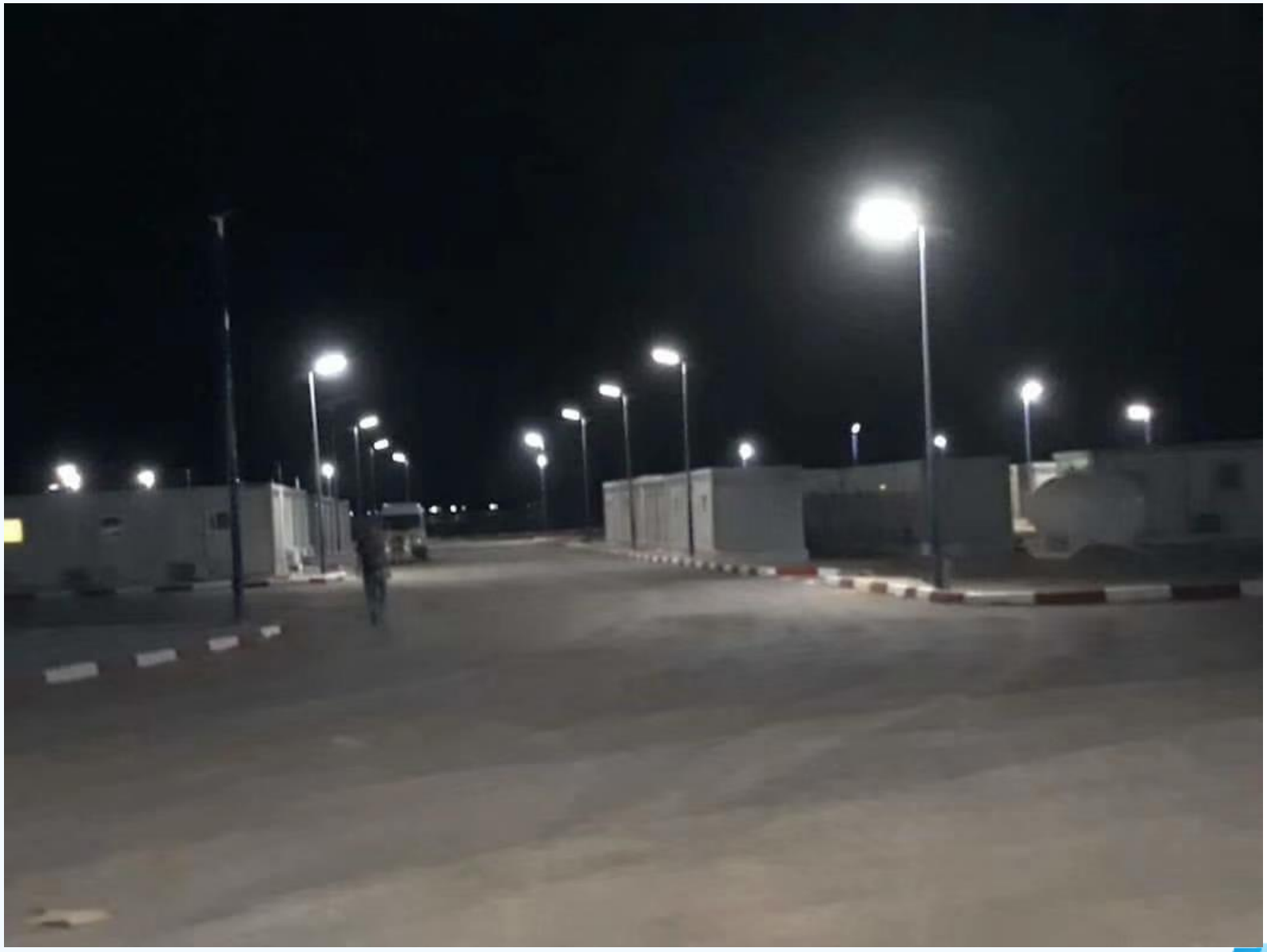






Pakistan





Thank you!