

Shenzhen Sungreat Energy Technology Co., Ltd

New

ISO 9001 RoHS COMPLIANT CE IP65



15° Adjustable Led Panel

Spread Wings Series

Semi-integrated Solar Led Street Lights

- Patent Design
- Semi-Integrated Solar Led Light
- Large Battery Capacity
- Adjustable Led Panel
- High Brightness, 170LM/W
- OEM / ODM Available
- 3 Years Warranty

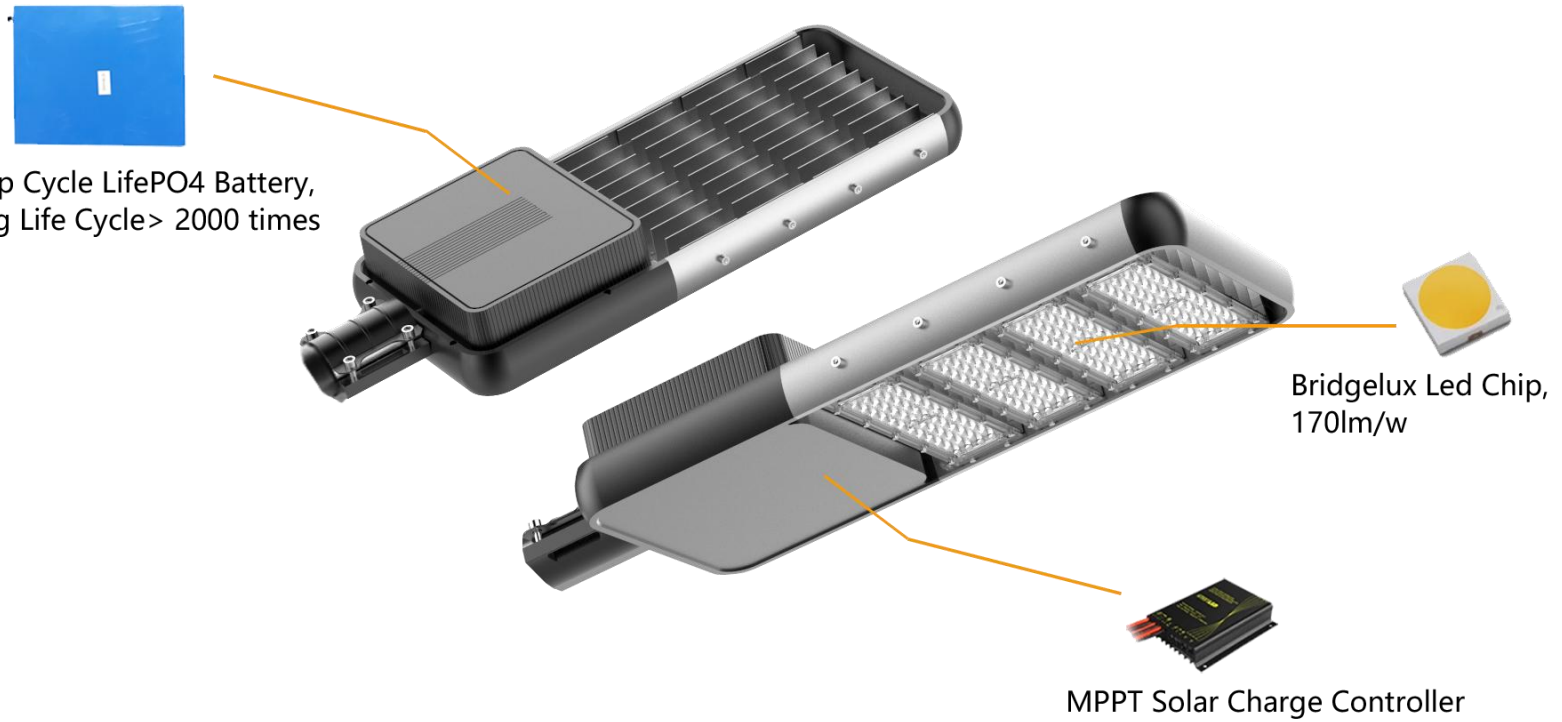
Main features

- Innovative split structural design, with good heat dissipation performance.
- Adjustable LED module angle , satisfying various road lighting needs.
- Brand new A+ class LifePO4 battery with large capacity, support 5-7 days working after fully charging.
- Adopting imported high-brightness Bridgelux 3030 and 5050 led chips, lab testing luminous efficiency up to 220lm/w

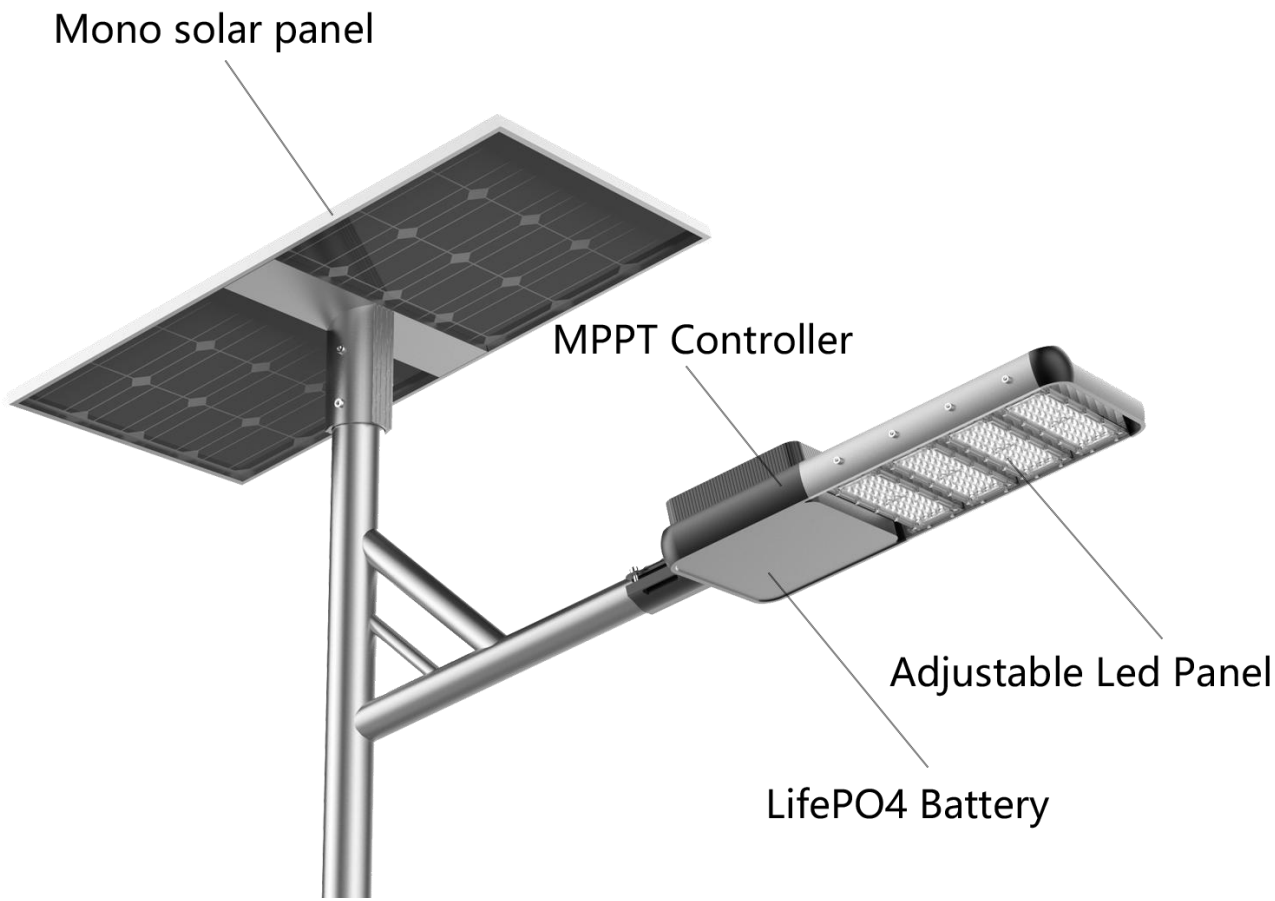
Semi-Integrated Solar Street Lights

A split solar led solar street light, composed of led lamp, battery, solar panel, and controller.

Solar Street Light Components



Solar panel, battery and led lamp separated

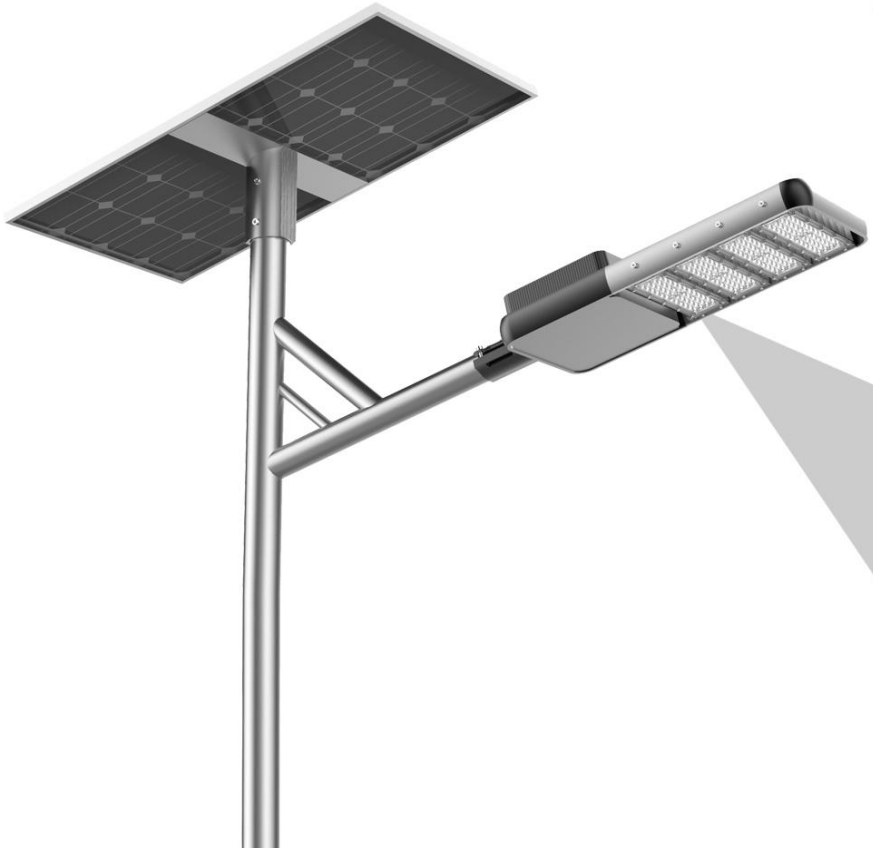


New LifePO4 Battery



- >2000 cycles
- 6-8 years lifespan (20% loss)
- High-temperature resistance
- In-built explosion-proof valve, high safety performance

High Lumens Led Lamp

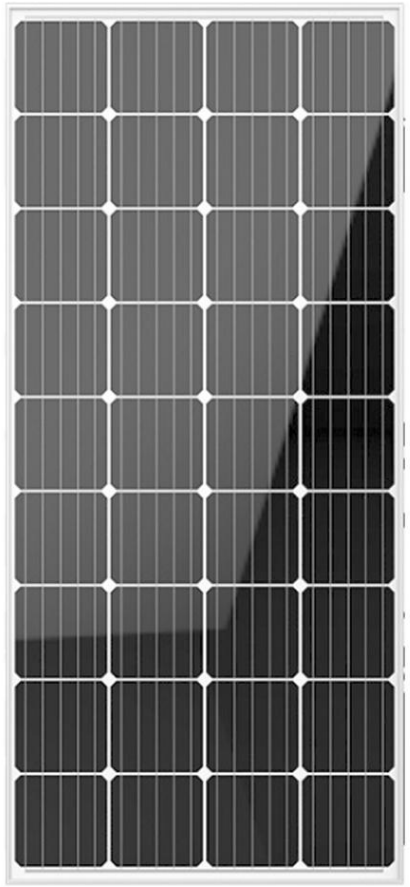


170LM/W High Efficiency Bridgelux Led Chip

- 100,000 hours Lifetime
- Bat-wing+Polarized lens, patented lens specially designed, better illumination uniformity improve light effect.



High Efficiency Mono Solar Panel



*picture just for sample show here

- Monocrystalline Silicon Solar Panel
- >21% Photoelectric conversion efficiency
- 25 yeasrs lifespan

MPPT Controller



- High efficiency conversion
- Intelegent design

*When the power is equal to or less than 40%, the power is automatically allocated to ensure that the duration of the lamp is on.

*When sundays, it can ensure the lighting power.

*When cloudy / rainy days, it can ensure the lighting time.



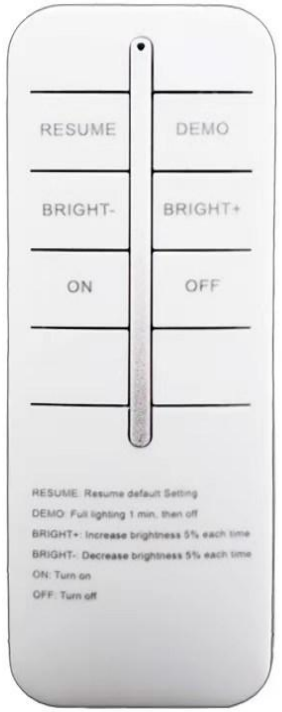
Support Remote Control

Brightness + / - can be adjusted by yourself.

Lighting dusk to down

5-7 Cloudy / Rainy Days Back Up

Remoter instruction



- **RESUME**

  Resume default setting

- **DEMO**

  Full lighting 1 min, then off

- **BRIGHT-**

  Decrease brightness 5% each time

- **BRIGHT +**

  Increase brightness 5% each time

- **ON**

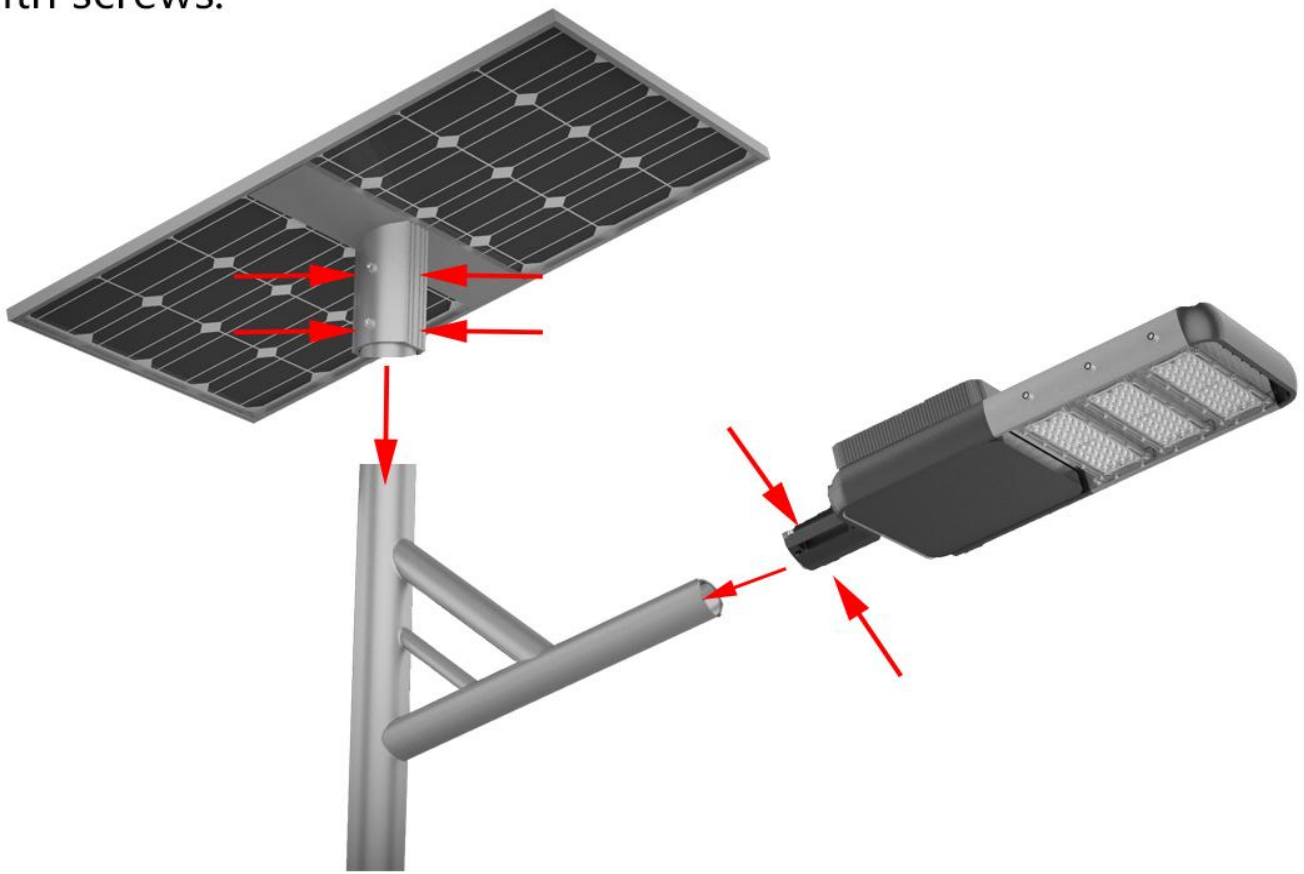
  Turn on

- **OFF**

  Turn off

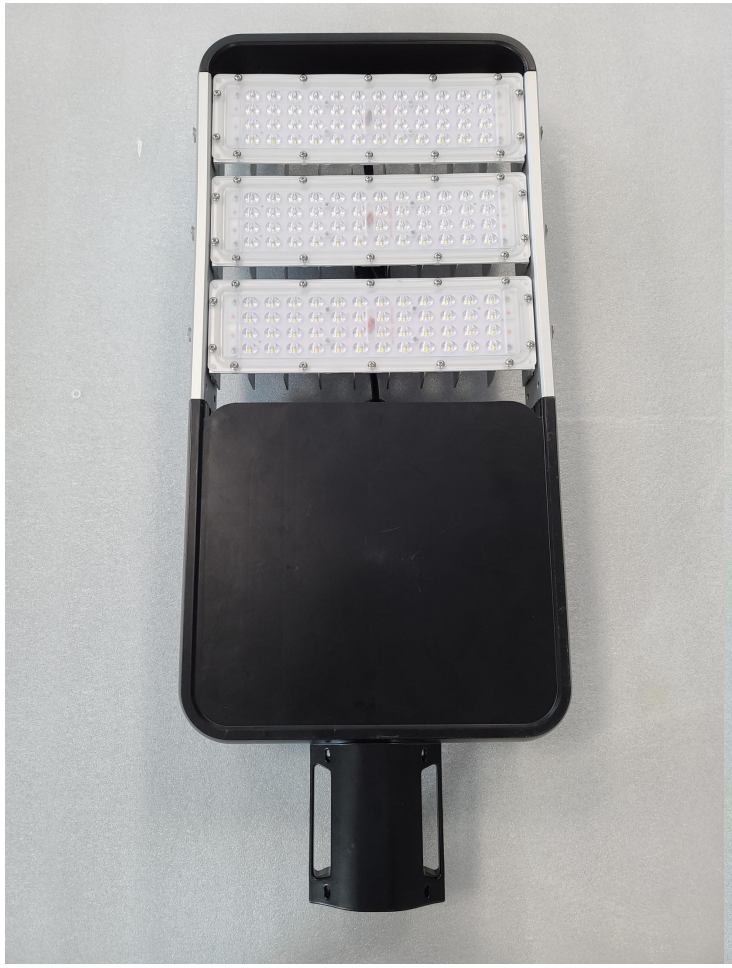
Easy Installation

Just fix the solar panel and lamp head with screws.





Real Photos of 60W



Front



Back

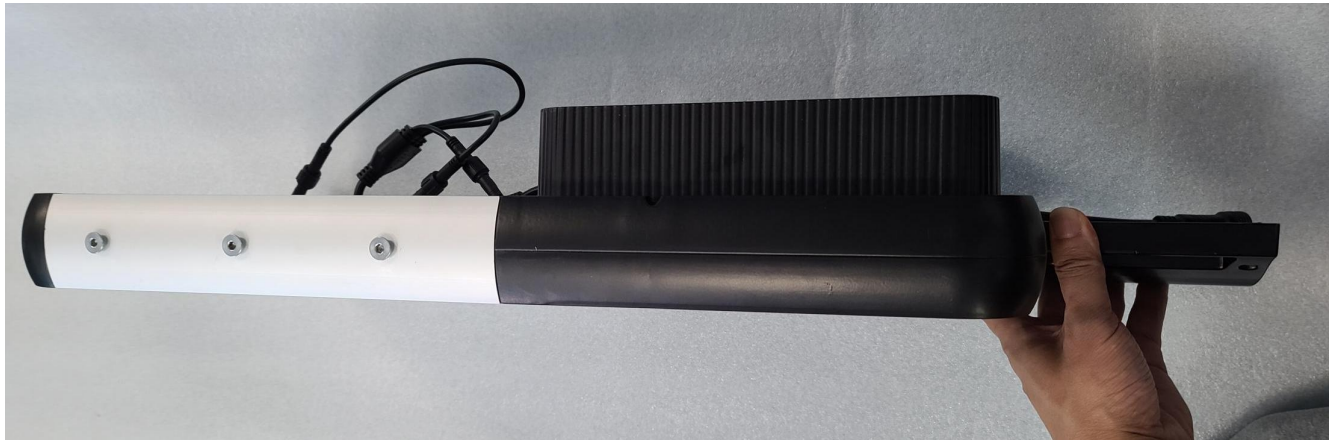


Power on

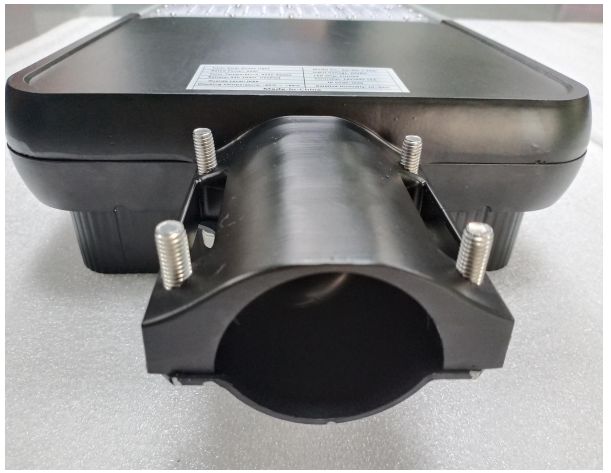
Details



3pcs Led Panel



Lateral side



Lamp socket

Specifications

Led Source	30W (96pcs leds)	40W (96pcs leds)	50W (144pcs leds)	60W (144pcs leds)	80W (192pcs leds)	100W (240pcs leds)	120W (240pcs leds)
Mono Solar Panel	18V 40W	18V 50W	18V 65W	18V 80W	18V 100W	18V 130W	18V 170W
LifePO4 Battery	12.8V 15AH	12.8V 15AH	12.8V 30AH	12.8V 30AH	12.8V 45AH	12.8V 45AH	12.8V 60AH
Color Temperature	2700K-6500K						
Brightness	170LM/W						
Working Time	12-15hours, 5-7 cloudy/ rainy days						
Charging Time	6-8hours						
IP Rating	IP66						
Mounting Height	4-6m	5-7m	6-8m	7-9m	8-10m	9-12m	10-12m
Space between 2 lamps	10-20m	15-25m	20-30m	20-30m	25-35m	30-40m	30-40m
Warranty	3 years / 5 years						

Single Arm

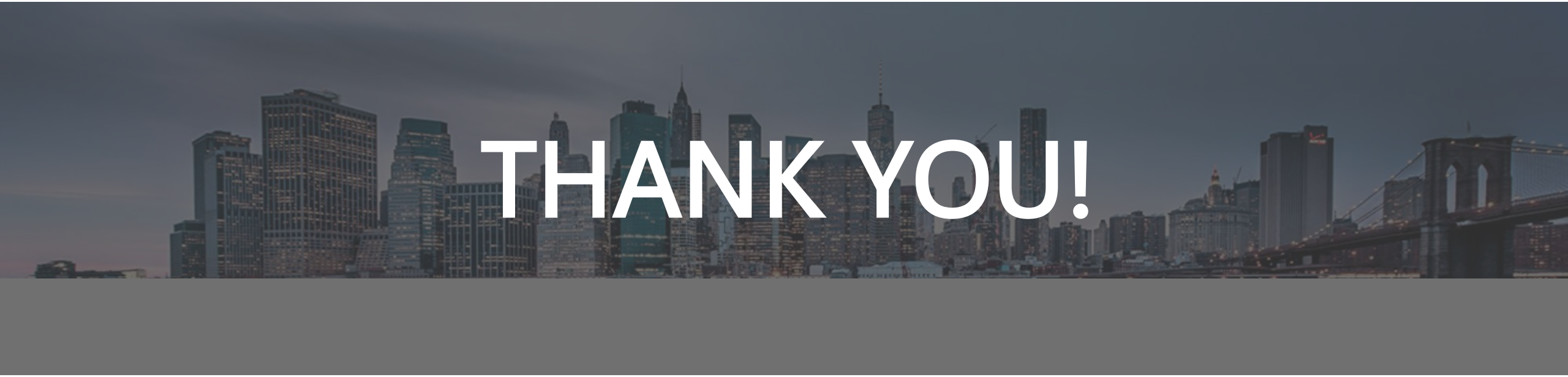




Double Arm






THANK YOU!