

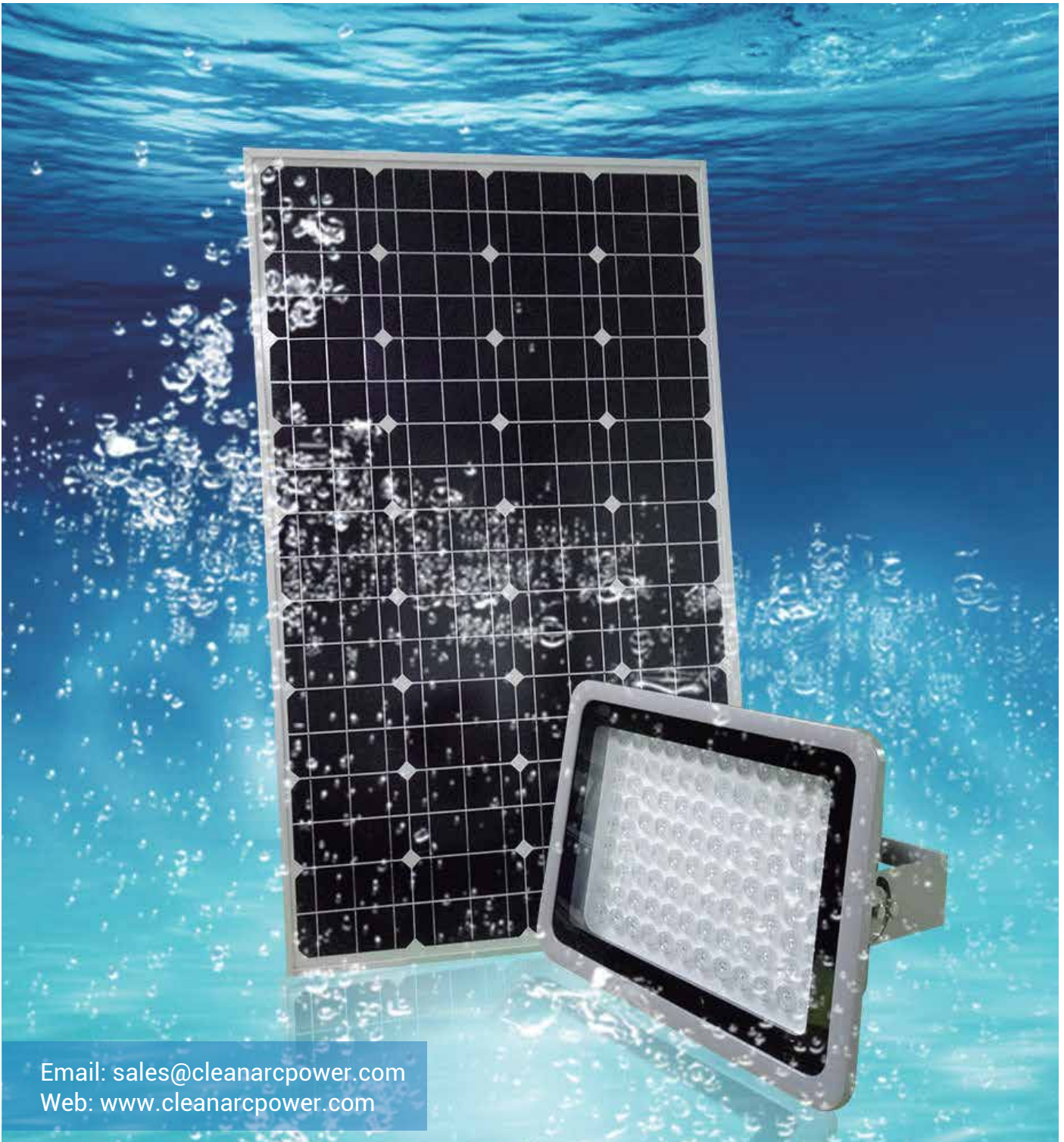
# CleanArcPower

## SPOT SERIES

Solar LED Flood Lights for billboards, signs, monuments and general outdoor lighting

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## PRODUCT BROCHURE & SPECIFICATION



Email: [sales@cleanarcpower.com](mailto:sales@cleanarcpower.com)  
Web: [www.cleanarcpower.com](http://www.cleanarcpower.com)

## High quality tempered glass mask


- Extremely durable
- Excellent light projection




## Ultra-thick die-cast aluminum alloy enclosure

- Durable
- Anti-corrosive material







Type	Flood light	Lithium battery	12V 10AH
Model	CS10	Monocrystalline solar panel	18V 30W
Color	Grey	Charging time	6-8 hours
Power	10W	Working time	12 hours per night
Charging and discharging cycle time	>2000 times	rainy working days	2-3 days
IP grade	IP65	Chip brand	Bridgelux
Chip lifespan	50000 hours	Working temperature	4°F~140°F
Switch mode	Automatic	Lumen	1500lm
Beam angle	60°/140°	CCT	6000K
Shell material	Die-casting aluminum alloy	Application	Billboard lighting, stadium and outdoor lighting
Dimensions of light	15"x12"x4.5"	Dimensions of panel	19.5"x19.5"x2




Type	Flood light	Lithium battery	12V 16AH
Model	CS20	Monocrystalline solar panel	18V 45W
Color	Grey	Charging time	6-8 hours
Power	20W	Working time	12 hours per night
Charging and discharging cycle time	>2000 times	rainy working days	2-3 days
IP grade	IP65	Chip brand	Bridgelux
Chip lifespan	50000 hours	Working temperature	4°F~140°
Switch mode	Automatic	Lumen	2800lm
Beam angle	60°/140°	CCT	6000K
Shell material	Die-casting aluminum alloy	Application	Billboard lighting, stadium and outdoor lighting
Dimensions of light	15"x12"x4.5"	Dimensions of panel	19.5"x19.5"x2




Type	Flood light	Lithium battery	12V 22AH
Model	CS30	Monocrystalline solar panel	18V 60W
Color	Grey	Charging time	6-8 hours
Power	30W	Working time	12 hours per night
Charging and discharging cycle time	>2000 times	rainy working days	2-3 days
IP grade	IP65	Chip brand	Bridgelux
Chip lifespan	50000 hours	Working temperature	4°F~140°F
Switch mode	Automatic	Lumen	4200lm
Beam angle	60°/140°	CCT	6000K
Shell material	Die-casting aluminum alloy	Application	Billboard lighting, stadium and outdoor lighting
Dimensions of light	15"x12"x4.5"	Dimensions of panel	19.5"x19.5"x2




Type	Flood light	Lithium battery	12V 28AH
Model	CS40	Monocrystalline solar panel	18V 80W
Color	Grey	Charging time	6-8 hours
Power	40W	Working time	12 hours per night
Charging and discharging cycle time	>2000 times	rainy working days	2-3 days
IP grade	IP65	Chip brand	Bridgelux
Chip lifespan	50000 hours	Working temperature	4°F~140°F
Switch mode	Automatic	Lumen	5600lm
Beam angle	60°/140°	CCT	6000K
Shell material	Die-casting aluminum alloy	Application	Billboard lighting, stadium and outdoor lighting
Dimensions of light	15"x12"x4.5"	Dimensions of panel	31"x27.3"x2"



Type	Flood light	Lithium battery	12V 34AH
Model	CS50	Monocrystalline solar panel	18V 100W
Color	Grey	Charging time	16-8 hours
Power	50W	Working time	12 hours per night
Charging and discharging cycle time	>2000 times	rainy working days	2-3 days
IP grade	IP65	Chip brand	Bridgelux
Chip lifespan	50000 hours	Working temperature	4°F~140°F
Switch mode	Automatic	Lumen	7000lm
Beam angle	60°/140°	CCT	6000K
Shell material	Die-casting aluminum alloy	Application	Billboard lighting, stadium and outdoor lighting
Dimensions of light	15"x12"x4.5"	Dimensions of panel	31"x27.3"x2"



Type	Flood light	Lithium battery	12V 42AH
Model	CS60	Monocrystalline solar panel	18V 120W
Color	Grey	Charging time	6-8 hours
Power	60W	Working time	12 hours per night
Charging and discharging cycle time	>2000 times	rainy working days	2-3 days
IP grade	IP65	Chip brand	Bridgelux
Chip lifespan	50000 hours	Working temperature	4°F~140°F
Switch mode	Automatic	Lumen	8400lm
Beam angle	60°/140°	CCT	6000K
Shell material	Die-casting aluminum alloy	Application	Billboard lighting, stadium and outdoor lighting
Dimensions of light	15"x12"x4.5"	Dimensions of panel	31"x27.3"x2".5"

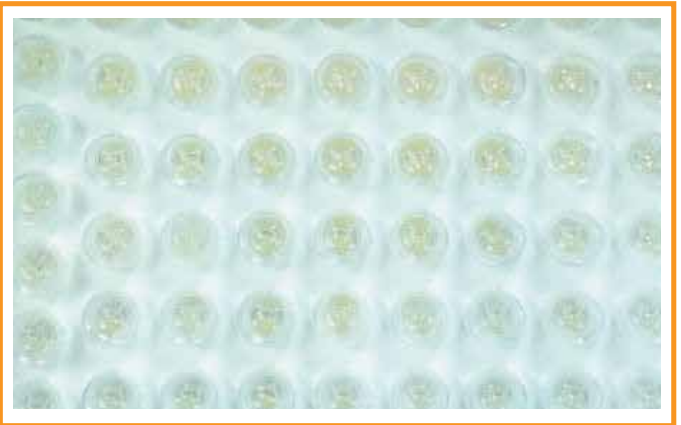


Type	Flood light	Lithium battery	12V 50AH
Model	CS80	Monocrystalline solar panel	18V 150W
Color	Grey	Charging time	6-8 hours
Power	80W	Working time	12 hours per night
Charging and discharging cycle time	>2000 times	rainy working days	2-3 days
IP grade	IP65	Chip brand	Bridgelux
Chip lifespan	50000 hours	Working temperature	4°F~140°F
Switch mode	Automatic	Lumen	11200lm
Beam angle	60°/140°	CCT	6000K
Shell material	Die-casting aluminum alloy	Application	Billboard lighting, stadium and outdoor lighting
Dimensions of light	15"x12"x4.5"	Dimensions of panel	31"x27.3"x2".5"



High reflection aluminum diffuser ensures the brightest light possible

High quality COB LED  
Bridgelux chip



Lithium iron phosphate  
(LiFeP04) batteries

- ⌘ Longer life span (5-10 years)
- ⌘ Acid free
- ⌘ Environmentally friendly



## Warranty

CleanArc Power guarantees the purchaser for a period of 5 years that our solar lighting products will be free from defects in materials. CleanArc Power will repair or replace any component which is defective for a period of 5 years after the date of purchase.

CleanArc Powers' liability on any claim shall not exceed the purchase price of the product. This warranty does not cover damage or malfunction, as determined by CleanArc Powers service technicians or engineers, due to abuse, misuse, incorrect installation, accident or Force Majeure.

The warranty for the battery component will be void if not installed within 6 months of delivery.