



SERIES H

ALL-IN-ONE SOLAR STREET LIGHT

Integrated LED luminaire, solar panel, battery and smart controls

20W-150W

2,500-20,000 lm

5-13 m mounting

5-year warranty

150W
MAX OUTPUT



H2 LIGHTING PRODUCT SPECIFICATION

Smart off-grid lighting engineered for streets, parking areas, pathways and remote sites.

PRECISION. PERFORMANCE. QUALITY.

Models 20W-60W

Charge time: 6 hours | Full-power runtime: 10 hours | Energy-saving reserve: 5-7 rainy days

CL-H020

20W

ALL-IN-ONE SOLAR STREET LIGHT



Housing	Aluminum alloy
Solar panel	Mono 18V 25W
LED module	12V 20W LED 3030
Battery	Lithium 12V 12Ah
Install height	5 m
Delivered light	2,500 lm

PACKING & LOGISTICS

Product size	495 x 355 x 80 mm
Carton size	570 x 390 x 150 mm
Net / gross	5.5 / 6.3 kg
20GP / 40HC	800 / 1,600 sets
Pack	1 set / carton

CL-H040

40W

ALL-IN-ONE SOLAR STREET LIGHT



Housing	Aluminum alloy
Solar panel	Mono 18V 35W
LED module	12V 40W LED 3030
Battery	Lithium 12V 16Ah
Install height	6 m
Delivered light	4,500 lm

PACKING & LOGISTICS

Product size	740 x 305 x 140 mm
Carton size	810 x 390 x 220 mm
Net / gross	7.8 / 9.5 kg
20GP / 40HC	650 / 1,300 sets
Pack	1 set / carton

CL-H060

60W

ALL-IN-ONE SOLAR STREET LIGHT



Housing	Aluminum alloy
Solar panel	Mono 18V 50W
LED module	12V 60W LED 3030
Battery	Lithium 12V 21Ah
Install height	7 m
Delivered light	6,500 lm

PACKING & LOGISTICS

Product size	940 x 305 x 140 mm
Carton size	1,000 x 390 x 220 mm
Net / gross	10.5 / 12 kg
20GP / 40HC	270 / 550 sets
Pack	1 set / carton

Models 80W-120W

Charge time: 6 hours | Full-power runtime: 10 hours | Energy-saving reserve: 5-7 rainy days

CL-H080

80W

ALL-IN-ONE SOLAR STREET LIGHT



Housing	Aluminum alloy
Solar panel	Mono 18V 65W
LED module	12V 80W LED 3030
Battery	Lithium 12V 26Ah
Install height	8 m
Delivered light	8,500 lm

PACKING & LOGISTICS

Product size	1,120 x 305 x 140 mm
Carton size	1,180 x 390 x 220 mm
Net / gross	14.8 / 16.5 kg
20GP / 40HC	270 / 550 sets
Pack	1 set / carton

CL-H100

100W

ALL-IN-ONE SOLAR STREET LIGHT



Housing	Aluminum alloy
Solar panel	Mono 18V 90W
LED module	12V 100W LED 3030
Battery	Lithium 12V 42Ah
Install height	10 m
Delivered light	11,000 lm

PACKING & LOGISTICS

Product size	1,120 x 440 x 140 mm
Carton size	1,180 x 530 x 220 mm
Net / gross	19 / 21 kg
20GP / 40HC	230 / 470 sets
Pack	1 set / carton

CL-H120

120W

ALL-IN-ONE SOLAR STREET LIGHT



Housing	Aluminum alloy
Solar panel	Mono 18V 90W
LED module	12V 120W LED 3030
Battery	Lithium 12V 56Ah
Install height	12 m
Delivered light	15,000 lm

PACKING & LOGISTICS

Product size	1,120 x 440 x 140 mm
Carton size	1,180 x 530 x 220 mm
Net / gross	20 / 22 kg
20GP / 40HC	230 / 470 sets
Pack	1 set / carton



H Series Solar Street Light

H2 LIGHTING PRODUCT SPECIFICATION

PRECISION. PERFORMANCE. QUALITY.

SMART CONTROLS & FINAL MODEL

CL-H150 | 150W High-Output Model

20,000 lm



CL-H150 TECHNICAL SUMMARY

Rated power	150W
Solar panel	Mono 18V 135W
LED module	12V 150W LED 3030
Battery	Lithium 12V 76Ah
Installation height	13 m
Product / carton	1,270 x 540 x 150 / 1,300 x 670 x 220 mm
Net / gross weight	30 / 31 kg
Container loading	130 sets / 20GP 270 sets / 40HC

Automatic Night Operation

The luminaire senses ambient light and switches on and off automatically.

SERIES-WIDE PERFORMANCE

Construction	Aluminum alloy
Charge time	6 hours
Full-power runtime	10 hours
Rainy-day reserve	5-7 days
Warranty	5 years

PIR SENSOR MODE

STANDBY

30% output when no motion is detected

ACTIVATED

100% output when a person approaches

BENEFIT

Light on demand with extended autonomy

TIMING MODE

FIRST 3 HOURS

100% full-power lighting

NEXT 2 HOURS

65% power lighting

REMAINDER

30% power lighting



SERIES A

ALL-IN-ONE SOLAR STREET LIGHT

Integrated LED luminaire, solar panel, battery and smart controls

6W-120W

720-16,680 lm

2-12 m mounting

5-year warranty

120W

MAX OUTPUT



H2 LIGHTING PRODUCT SPECIFICATION

Smart off-grid lighting engineered for streets, parking areas, pathways and remote sites.

PRECISION. PERFORMANCE. QUALITY.

Models 6W-10W

Charge time: 6 hours | Automatic dusk-to-dawn operation | Energy-saving reserve: 3-5 rainy days

CL-A006

6W

ALL-IN-ONE SOLAR STREET LIGHT



Housing	Aluminum alloy
Solar panel	Mono 18V 12W
LED module	SMD 2835 6W
Battery	Lithium 12V 4Ah
Install height	2-3 m
Delivered light	720 lm

PACKING & LOGISTICS

Product size	326 x 241 x 60 mm
Carton size	395 x 345 x 120 mm
Net / gross	2.5 / 3 kg
20GP / 40HC	1,530 / 3,180 sets
Pack	1 set / carton

CL-A008

8W

ALL-IN-ONE SOLAR STREET LIGHT



Housing	Aluminum alloy
Solar panel	Mono 18V 18W
LED module	SMD LED 8W
Battery	Lithium 12V 6Ah
Install height	3-4 m
Delivered light	960 lm

PACKING & LOGISTICS

Product size	495 x 355 x 80 mm
Carton size	570 x 390 x 150 mm
Net / gross	5.5 / 6.3 kg
20GP / 40HC	800 / 1,600 sets
Pack	1 set / carton

CL-A010

10W

ALL-IN-ONE SOLAR STREET LIGHT



Housing	Aluminum alloy
Solar panel	Mono 18V 20W
LED module	SMD LED 10W
Battery	Lithium 12V 8Ah
Install height	3-4 m
Delivered light	1,200 lm

PACKING & LOGISTICS

Product size	495 x 355 x 80 mm
Carton size	570 x 390 x 150 mm
Net / gross	5.5 / 6.3 kg
20GP / 40HC	800 / 1,600 sets
Pack	1 set / carton

Models 12W-18W

Charge time: 6 hours | Automatic dusk-to-dawn operation | Energy-saving reserve: 3-5 rainy days

CL-A012

12W

ALL-IN-ONE SOLAR STREET LIGHT



Housing	Aluminum alloy
Solar panel	Mono 18V 20W
LED module	SMD LED 12W
Battery	Lithium 12V 8Ah
Install height	3-4 m
Delivered light	1,440 lm

PACKING & LOGISTICS

Product size	495 x 355 x 80 mm
Carton size	570 x 390 x 150 mm
Net / gross	5.5 / 6.3 kg
20GP / 40HC	800 / 1,600 sets
Pack	1 set / carton

CL-A015

15W

ALL-IN-ONE SOLAR STREET LIGHT



Housing	Aluminum alloy
Solar panel	Mono 18V 30W
LED module	SMD LED 15W
Battery	Lithium 12V 10Ah
Install height	4-5 m
Delivered light	1,800 lm

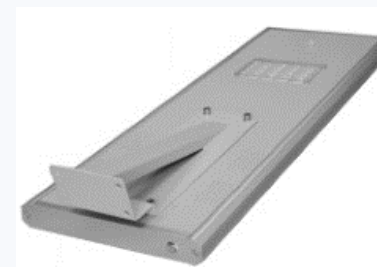
PACKING & LOGISTICS

Product size	740 x 305 x 140 mm
Carton size	810 x 390 x 220 mm
Net / gross	7.8 / 9.5 kg
20GP / 40HC	650 / 1,300 sets
Pack	1 set / carton

CL-A018

18W

ALL-IN-ONE SOLAR STREET LIGHT



Housing	Aluminum alloy
Solar panel	Mono 18V 35W
LED module	SMD LED 18W
Battery	Lithium 12V 15Ah
Install height	5-6 m
Delivered light	2,160 lm

PACKING & LOGISTICS

Product size	740 x 305 x 140 mm
Carton size	810 x 390 x 220 mm
Net / gross	7.8 / 9.5 kg
20GP / 40HC	650 / 1,300 sets
Pack	1 set / carton

Models 20W-30W

Charge time: 6 hours | Automatic dusk-to-dawn operation | Energy-saving reserve: 3-5 rainy days

CL-A020

20W

ALL-IN-ONE SOLAR STREET LIGHT



Housing	Aluminum alloy
Solar panel	Mono 18V 40W
LED module	SMD LED 20W
Battery	Lithium 12V 18Ah
Install height	5-6 m
Delivered light	2,400 lm

PACKING & LOGISTICS

Product size	940 x 305 x 140 mm
Carton size	1,000 x 390 x 220 mm
Net / gross	10.5 / 12 kg
20GP / 40HC	270 / 550 sets
Pack	1 set / carton

CL-A025

25W

ALL-IN-ONE SOLAR STREET LIGHT



Housing	Aluminum alloy
Solar panel	Mono 18V 45W
LED module	SMD LED 25W
Battery	Lithium 12V 18Ah
Install height	6-7 m
Delivered light	3,000 lm

PACKING & LOGISTICS

Product size	940 x 305 x 140 mm
Carton size	1,000 x 390 x 220 mm
Net / gross	10.5 / 12 kg
20GP / 40HC	270 / 550 sets
Pack	1 set / carton

CL-A030

30W

ALL-IN-ONE SOLAR STREET LIGHT



Housing	Aluminum alloy
Solar panel	Mono 18V 60W
LED module	SMD LED 30W
Battery	Lithium 12V 21Ah
Install height	6-7 m
Delivered light	3,600 lm

PACKING & LOGISTICS

Product size	1,120 x 305 x 140 mm
Carton size	1,180 x 390 x 220 mm
Net / gross	14.8 / 16.5 kg
20GP / 40HC	270 / 550 sets
Pack	1 set / carton

Models 40W-60W

Charge time: 6 hours | Automatic dusk-to-dawn operation | Energy-saving reserve: 3-5 rainy days

CL-A040

40W

ALL-IN-ONE SOLAR STREET LIGHT



Housing	Aluminum alloy
Solar panel	Mono 18V 60W
LED module	SMD LED 40W
Battery	Lithium 12V 24Ah
Install height	6-7 m
Delivered light	4,800 lm

PACKING & LOGISTICS

Product size	1,120 x 305 x 140 mm
Carton size	1,180 x 390 x 220 mm
Net / gross	14.8 / 16.5 kg
20GP / 40HC	270 / 550 sets
Pack	1 set / carton

CL-A050

50W

ALL-IN-ONE SOLAR STREET LIGHT



Housing	Aluminum alloy
Solar panel	Mono 18V 80W
LED module	SMD LED 50W
Battery	Lithium 12V 36Ah
Install height	8-10 m
Delivered light	6,000 lm

PACKING & LOGISTICS

Product size	1,120 x 440 x 140 mm
Carton size	1,180 x 530 x 220 mm
Net / gross	19 / 21 kg
20GP / 40HC	230 / 470 sets
Pack	1 set / carton

CL-A060

60W

ALL-IN-ONE SOLAR STREET LIGHT



Housing	Aluminum alloy
Solar panel	Mono 18V 90W
LED module	SMD LED 60W
Battery	Lithium 12V 42Ah
Install height	8-10 m
Delivered light	7,200 lm

PACKING & LOGISTICS

Product size	1,120 x 440 x 140 mm
Carton size	1,180 x 530 x 220 mm
Net / gross	19 / 21 kg
20GP / 40HC	230 / 470 sets
Pack	1 set / carton

Models 80W-120W

Charge time: 6 hours | Automatic dusk-to-dawn operation | Energy-saving reserve: 3-5 rainy days

CL-A080

80W

ALL-IN-ONE SOLAR STREET LIGHT



Housing	Aluminum alloy
Solar panel	Mono 18V 100W
LED module	SMD LED 80W
Battery	Lithium 12V 44Ah
Install height	8-10 m
Delivered light	9,600 lm

PACKING & LOGISTICS

Product size	1,120 x 440 x 140 mm
Carton size	1,180 x 530 x 220 mm
Net / gross	19 / 21 kg
20GP / 40HC	230 / 470 sets
Pack	1 set / carton

CL-A100

100W

ALL-IN-ONE SOLAR STREET LIGHT



Housing	Aluminum alloy
Solar panel	Mono 18V 130W
LED module	COB LED 100W
Battery	Lithium 12V 66Ah
Install height	10-12 m
Delivered light	13,900 lm

PACKING & LOGISTICS

Product size	1,270 x 540 x 150 mm
Carton size	1,300 x 670 x 220 mm
Net / gross	29.8 / 30.8 kg
20GP / 40HC	130 / 270 sets
Pack	1 set / carton

CL-A120

120W

ALL-IN-ONE SOLAR STREET LIGHT



Housing	Aluminum alloy
Solar panel	Mono 18V 150W
LED module	COB LED 120W
Battery	Lithium 12V 76Ah
Install height	10-12 m
Delivered light	16,680 lm

PACKING & LOGISTICS

Product size	1,270 x 540 x 150 mm
Carton size	1,300 x 670 x 220 mm
Net / gross	29.8 / 30.8 kg
20GP / 40HC	130 / 270 sets
Pack	1 set / carton

CL-A120 | 120W High-Output Model

16,680 lm



CL-A120 TECHNICAL SUMMARY

Rated power	120W
Solar panel	Mono 18V 150W
LED module	COB LED 120W
Battery	Lithium 12V 76Ah
Installation height	10-12 m
Product / carton	1,270 x 540 x 150 / 1,300 x 670 x 220 mm
Net / gross weight	29.8 / 30.8 kg
Container loading	130 sets / 20GP 270 sets / 40HC

Automatic Night Operation

The luminaire senses ambient light and switches on and off automatically.

PIR SENSOR MODE

MODELS

6W-40W

STANDBY

30% output when no motion is detected

ACTIVATED

100% output when a person approaches

TIMING MODE

MODELS

50W-120W

FIRST 3 HOURS

100% full-power lighting

NEXT 2 HOURS / REST

65% output / 30% output

SERIES-WIDE PERFORMANCE

Construction	Aluminum alloy
Solar cell	Monocrystalline
Charge time	6 hours
Rainy-day reserve	3-5 days
Warranty	5 years