

Anern newly launched Patented AN-SSL-I series All-in-two Solar Street Light Specs(60W~150W, engineering project model)

Item. No.	Features & Specifications	
AN-SSL-I-60W		Features: All in two design, one step plug-in for wiring connection, easy to install and maintain; Die-cast aluminum housing, high mechanical strength, Level-16 anti-wind resistance; Adopting high-efficiency mono solar panel and LiFePO4 lithium battery, quality guaranteed; Adopting bigger power solar panel than general all in one type, separated from lamp body; Intelligent and automatic controller and motion sensor, ensure longest lighting time and best stability.
		LED Light Source 60W, 100pcs Bridgelux high efficiency 3030 LEDs, LED efficiency 210LM/W, Ra>80, CT 3000-6500K optional
		Lithium Battery 576WH @12.8V, LiFePO4 cells, >6000 cycles at 80% DOD
		Solar Panel 18V 80W, high-efficiency monocrystalline module
		Guard Level / IK Code IP66 / IK09
		Solar charging time 6~8 hours by bright sunlight
		Lighting time From dusk to dawn, 4-5 nights backup
		Housing Material Aluminium alloy + PMMA
		Size 819*299*136mm for solar lamp
		Working temperature -20°C to 60°C
		Warranty 5 years
AN-SSL-I-80W		Features: All in two design, one step plug-in for wiring connection, easy to install and maintain; Die-cast aluminum housing, high mechanical strength, Level-16 anti-wind resistance; Adopting high-efficiency mono solar panel and LiFePO4 lithium battery, quality guaranteed; Adopting bigger power solar panel than general all in one type, separated from lamp body; Intelligent and automatic controller and motion sensor, ensure longest lighting time and best stability.
		LED Light Source 80W, 100pcs Bridgelux high efficiency 3030 LEDs, LED efficiency 210LM/W, Ra>80, CT 3000-6500K optional
		Lithium Battery 768WH @12.8V, LiFePO4 cells, >6000 cycles at 80% DOD
		Solar Panel 18V 100W, high-efficiency monocrystalline module
		Guard Level / IK Code IP66 / IK09
		Solar charging time 6~8 hours by bright sunlight
		Lighting time From dusk to dawn, 4-5 nights backup
		Housing Material Aluminium alloy + PMMA
		Size 819*299*136mm for solar lamp
		Working temperature -20°C to 60°C
		Warranty 5 years

Anern newly launched Patented AN-SSL-I series All-in-two Solar Street Light Specs (60W~150W, engineering project model)

Item. No.		Features & Specifications
AN-SSL-I-100W		Features: All in two design, one step plug-in for wiring connection, easy to install and maintain; Die-cast aluminum housing, high mechanical strength, Level-16 anti-wind resistance; Adopting high-efficiency mono solar panel and LiFePO4 lithium battery, quality guaranteed; Adopting bigger power solar panel than general all in one type, separated from lamp body; Intelligent and automatic controller and motion sensor, ensure longest lighting time and best stability.
		LED Light Source 100W, 100pcs Bridgelux high efficiency 3030 LED, LED efficiency 210LM/W, Ra>80, CT 3000-6500K optional
		Lithium Battery 768WH @12.8V, LiFePO4 cells, >6000 cycles at 80% DOD
		Solar Panel 18V 150W, high-efficiency monocrystalline module
		Guard Level / IK Code IP66 / IK09
		Solar charging time 6~8 hours by bright sunlight
		Lighting time From dusk to dawn, 4-5 nights backup
		Housing Material Aluminium alloy + PMMA
		Size 819*299*136mm for solar lamp
		Working temperature -20°C to 60°C
		Warranty 5 years
AN-SSL-I-120W		Features: All in two design, one step plug-in for wiring connection, easy to install and maintain; Die-cast aluminum housing, high mechanical strength, Level-16 anti-wind resistance; Adopting high-efficiency mono solar panel and LiFePO4 lithium battery, quality guaranteed; Adopting bigger power solar panel than general all in one type, separated from lamp body; Intelligent and automatic controller and motion sensor, ensure longest lighting time and best stability.
		LED Light Source 120W, 100pcs Bridgelux high efficiency 5050 LED, LED efficiency 210LM/W, Ra>80, CT 3000-6500K optional
		Lithium Battery 960WH @12.8V, LiFePO4 cells, >6000 cycles at 80% DOD
		Solar Panel 18V 200W, high-efficiency monocrystalline module
		Guard Level / IK Code IP66 / IK09
		Solar charging time 6~8 hours by bright sunlight
		Lighting time From dusk to dawn, 4-5 nights backup
		Housing Material Aluminium alloy + PMMA
		Size 819*299*136mm for solar lamp
		Working temperature -20°C to 60°C
		Warranty 5 years

Item. No.	Features & Specifications	
AN-SSL-I-150W		Features: All in two design, one step plug-in for wiring connection, easy to install and maintain; Die-cast aluminum housing, high mechanical strength, Level-16 anti-wind resistance; Adopting high-efficiency mono solar panel and LiFePO4 lithium battery, quality guaranteed; External battery box design, allowing big capacity battery configuration; Adopting bigger power solar panel than general all in one type, separated from lamp body; Intelligent and automatic controller and motion sensor, ensure longest lighting time and best stability.
		LED Light Source 150W, 100pcs Bridgelux high efficiency 5050 LED, LED efficiency 210LM/W, Ra>80, CT 3000-6500K optional
		Lithium Battery 1152WH @12.8V, LiFePO4 lithium, >6000 cycles at 80% DOD (externally mounted below solar panel rack)
		Solar Panel 18V 250W, high-efficiency monocrystalline module
		Guard Level / IK Code IP66 / IK09
		Solar charging time 6~8 hours by bright sunlight
		Lighting time From dusk to dawn, 4-5 nights backup
		Housing Material Aluminium alloy + PMMA
		Size 819*299*136mm for solar lamp
		Working temperature -20°C to 60°C
		Warranty 5 years
Motion Sensor (Optional)	The Motion Sensor is applicable for AN-SSL-I-60W/80W/100W/120W models, It's NOT applicable for the model AN-SSL-I-150W.	

Anern Patented AN-SLZ2 series All-in-One Solar Street Light Specs (60W~250W) -- Feb, 2026

Item. No.		Features & Specifications	
AN-SLZ2-60W		Features: - Elegant All-in-One design, die-casted aluminum housing; - Bracket angle adjustable, suitable for mounting on pole directly or on horizontal arm; - Detachable battery box design; - 140° wide lighting angle, enlarged modular LED modules; - Support 4-5 nights lighting after full charging; - Easy to install and Auto on/off/sensor.	
		LED Light Source	60W, 96pcs 5050 high efficiency LEDs, LED efficiency 210LM/W, Ra>80, CT 3000-6500K optional
		Battery	576WH @12.8V, LiFePO4 lithium, >6000 cycles at 80% DOD
		Solar Panel	70W, high-efficiency monocrystalline
		Install height	Suggested to be 6~7 meters
		Guard Level / IK Code	IP66 / IK09
		Solar charging time	8~9 hours by bright sunlight
		Lighting time	from dusk to dawn, 4-5 nights backup
		Housing Material	Aluminium alloy + PMMA
		Size	920*396*330mm
		Working temperature	0°C to 65°C
AN-SLZ2-80W		Features: - Elegant All-in-One design, die-casted aluminum housing; - Bracket angle adjustable, suitable for mounting on pole directly or on horizontal arm; - Detachable battery box design; - 140° wide lighting angle, enlarged modular LED modules; - Support 4-5 nights lighting after full charging; - Easy to install and Auto on/off/sensor;	
		LED Light Source	80W, 144pcs 5050 high efficiency LEDs, LED efficiency 210LM/W, Ra>80, CT 3000-6500K optional
		Battery	768WH @12.8V, LiFePO4 lithium, >6000 cycles at 80% DOD
		Solar Panel	100W, high-efficiency monocrystalline
		Install height	Suggested to be 6~8 meters
		Guard Level / IK Code	IP66 / IK09
		Solar charging time	8~9 hours by bright sunlight
		Lighting time	from dusk to dawn, 4-5 nights backup
		Housing Material	Aluminium alloy + PMMA
		Size	1200*396*330mm
		Working temperature	0°C to 65°C

Anern Patented AN-SLZ2 series All-in-One Solar Street Light Specs (60W~250W) -- Feb, 2026

Item. No.		Features & Specifications
AN-SLZ2-100W		Features: - Elegant All-in-One design, die-casted aluminum housing; - Bracket angle adjustable, suitable for mounting on pole directly or on horizontal arm; - Detachable battery box design; - 140° wide lighting angle, enlarged modular LED modules; - Support 4-5 nights lighting after full charging; - Easy to install and Auto on/off/sensor;
		LED Light Source 100W, 192pcs 5050 high efficiency LEDs, LED efficiency 210LM/W, Ra>80, CT 3000-6500K optional
		Battery 768WH @12.8V, LiFePO4 lithium, >6000 cycles at 80% DOD
		Solar Panel 120W, high-efficiency monocrystalline
		Install height Suggested to be 7~9 meters
		Guard Level / IK Code IP66 / IK09
		Solar charging time 8~9 hours by bright sunlight
		Lighting time from dusk to dawn, 4-5 nights backup
		Housing Material Aluminium alloy + PMMA
		Size 1460*396*330mm
		Working temperature 0°C to 65°C
AN-SLZ2-120W		Features: - Elegant All-in-One design, die-casted aluminum housing; - Bracket angle adjustable, suitable for mounting on pole directly or on horizontal arm; - Detachable battery box design; - 140° wide lighting angle, enlarged modular LED modules; - Support 4-5 nights lighting after full charging; - Easy to install and Auto on/off/sensor;
		LED Light Source 120W, 192pcs 5050 high efficiency LEDs, LED efficiency 210LM/W, Ra>80, CT 3000-6500K optional
		Battery 960WH @12.8V, LiFePO4 lithium, >6000 cycles at 80% DOD
		Solar Panel 140W, high-efficiency monocrystalline
		Install height Suggested to be 8~10 meters
		Guard Level / IK Code IP66 / IK09
		Solar charging time 8~9 hours by bright sunlight
		Lighting time from dusk to dawn, 4-5 nights backup
		Housing Material Aluminium alloy + PMMA
		Size 1655*396*330mm
		Working temperature 0°C to 65°C

Anern Patented AN-SLZ2 series All-in-One Solar Street Light Specs (60W~250W) -- Feb, 2026

Item. No.		Features & Specifications	
AN-SLZ2-150W		Features: - Elegant All-in-One design, die-casted aluminum housing; - Bracket angle adjustable, suitable for mounting on pole directly or on horizontal arm; - Detachable battery box design; - 140° wide lighting angle, enlarged modular LED modules; - Support 4-5 nights lighting after full charging; - Easy to install and Auto on/off/sensor;	
		LED Light Source	150W, 240pcs 5050 high efficiency LEDs, LED efficiency 210LM/W, Ra>80, CT 3000-6500K optional
		Battery	1152WH @12.8V, LiFePO4 lithium, >6000 cycles at 80% DOD
		Solar Panel	150W, high-efficiency monocrystalline
		Install height	Suggested to be 10~11 meters
		Guard Level / IK Code	IP66 / IK09
		Solar charging time	8~9 hours by bright sunlight
		Lighting time	from dusk to dawn, 4-5 nights backup
		Housing Material	Aluminium alloy + PMMA
		Size	1785*396*330mm
Working temperature	0°C to 65°C		
AN-SLZ2-200W		Features: - Elegant All-in-One design, die-casted aluminum housing; - Bracket angle adjustable, suitable for mounting on pole directly or on horizontal arm; - Detachable battery box design; - 140° wide lighting angle, enlarged modular LED modules; - Support 4-5 nights lighting after full charging; - Easy to install and Auto on/off/sensor;	
		LED Light Source	200W, 288pcs 5050 high efficiency LEDs, LED efficiency 210LM/W, Ra>80, CT 3000-6500K optional
		Battery	1344WH @12.8V, LiFePO4 lithium, >6000 cycles at 80% DOD
		Solar Panel	160W, high-efficiency monocrystalline
		Install height	Suggested to be 10~12 meters
		Guard Level / IK Code	IP66 / IK09
		Solar charging time	8~9 hours by bright sunlight
		Lighting time	from dusk to dawn, 4-5 nights backup
		Housing Material	Aluminium alloy + PMMA
		Size	1955*396*330mm
Working temperature	0°C to 65°C		

Anern Patented AN-SLZ2 series All-in-One Solar Street Light Specs (60W~250W) -- Feb, 2026

Item. No.	Features & Specifications	
AN-SLZ2-250W		Features: - Elegant All-in-One design, die-casted aluminum housing; - Bracket angle adjustable, suitable for mounting on pole directly or on horizontal arm; - Detachable battery box design; - 140° wide lighting angle, enlarged modular LED modules; - Support 4-5 nights lighting after full charging; - Easy to install and Auto on/off/sensor;
		LED Light Source 250W, 336pcs 5050 high efficiency LEDs, LED efficiency 210LM/W, Ra>80, CT 3000-6500K optional
		Battery 1536WH @12.8V, LiFePO4 lithium, >6000 cycles at 80% DOD
		Solar Panel 180W, high-efficiency monocrystalline
		Install height Suggested to be 11~12 meters
		Guard Level / IK Code IP66 / IK09
		Solar charging time 8~9 hours by bright sunlight
		Lighting time from dusk to dawn, 4-5 nights backup
		Housing Material Aluminium alloy + PMMA
		Size 2235*396*330mm
		Working temperature 0°C to 65°C

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