

Remote Solar LED Street Lighting System



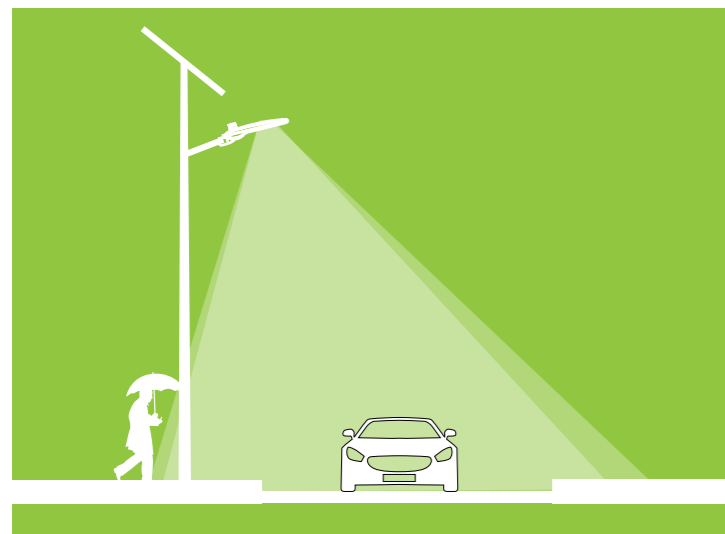
Presenting a convenient and cost-effective way to light your streets at night. Gruppe Solar LED street lighting systems provide clear visibility for pedestrians and drivers. These reliable solar LED street lights provide low initial investment with substantial energy savings.

Gruppe Solar Lighting Systems feature long life LED lighting. The off grid operation eliminates many of the high costs associated with standard lighting installations. No expensive trenching, transformers, or meters required. These systems are best for new construction or remote areas with needs for quality lighting systems.

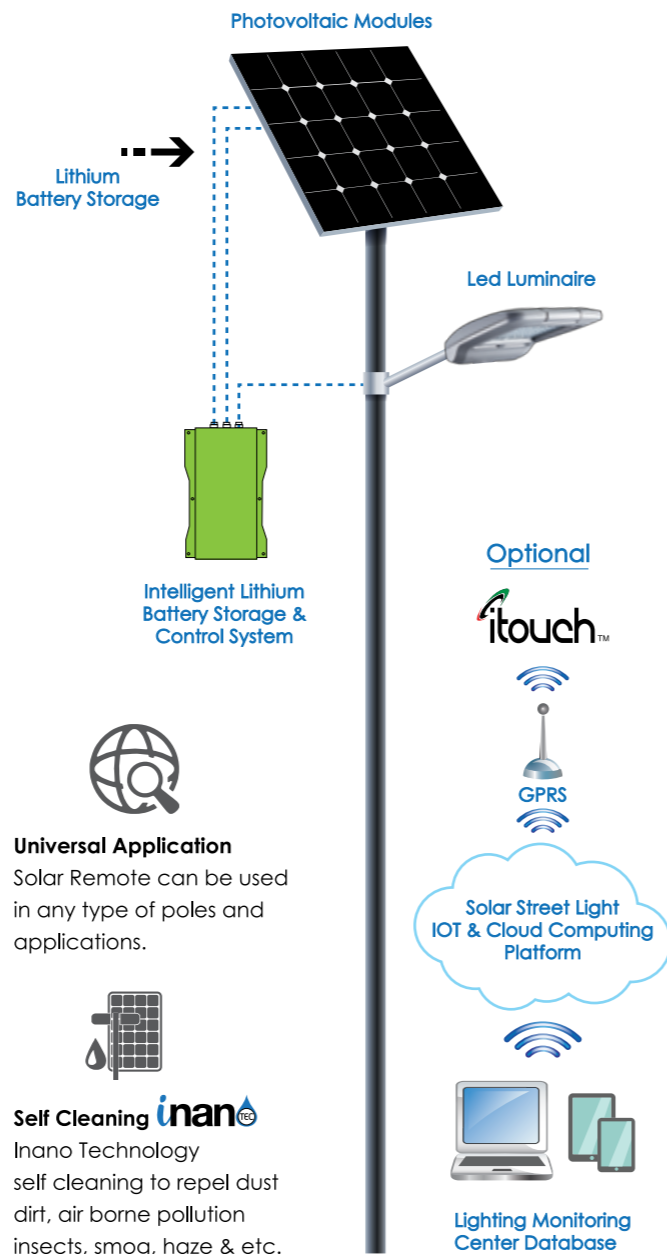
Application: Street & Highway Lighting, Parking Lot & Area Lighting, Walkway Lighting, Park Lighting, Junction & Area.

The remote solar led street lighting are powered by Gruppe Crystal OpticLED and Multi LED platform featuring innovative management design, offering exceptional performance and value. This versatile system can be tailored to the unique specification of each project by offering wattage options and dimming options to further maximise energy savings and provide most cost-effective solution.

System Data	
Solar panel	Monocrystalline
Colors	Grey. Other RAL colors on request
Day of autonomy	> 2 days (Raining days)
Pole height	6 - 12m base on requirement
Charging time	6 hours
Discharge time	> 12 hours / night
Fixtures	
Finishing	Grey. Other RAL colors on request
Material	High pressure die cast aluminium
Light distribution	Type II, Type III, Type IV
Color temperature (CCT)	3000K - 6000K
Efficacy range	120 ~ 150 lm/w
Color rendering (CRI)	≥ 70
Mounting	Pole installation
Controller	
Standard mode	12 hours (4 hours 100%, 2 hours 60%, 6 hours 40%)
Optional	
Upon request	Full power, sensor & preset dimming itouch remote monitoring system



System Modules & Wiring Diagram



Universal Application
Solar Remote can be used in any type of poles and applications.

Self Cleaning inano
Inano Technology self cleaning to repel dust, dirt, air borne pollution, insects, smog, haze & etc.

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Options: Type of Luminaires



Standard Mode: 12 hours (4 hours 100%, 2 hours 60%, 6 hours 40%)					
Optional: Full Power, Sensor and preset dimming available upon request					
No.	ALFA	PERCORSO III	Wattage	Lithium Battery	Solar Panel
1	ALF03040	N/A	30W	365Wh	60W
2	N/A	PE304030	40W	486Wh	80W
3	ALF06040	PE306030	60W	730Wh	120W
4	N/A	PE308030	80W	973Wh	160W
5	ALF09040	N/A	90W	1100Wh	180W
6	N/A	PE310030	100W	1216Wh	200W
7	ALF12040	PE312030	120W	1460Wh	240W
8	ALF15040	PE315030	150W	1830Wh	300W
9	ALF18040	PE318030	180W	2189Wh	360W