

SOLAR + LED FLOODLIGHT™ 1600



ALL IN ONE panel surya + baterai lithium + lampu led

SOLUSI PENERANGAN MANDIRI
TANPA BERGANTUNG LISTRIK PLN

1600 lm



- Halaman Rumah
- Taman/Kebun
- Pedestrian
- Jalan Pedesaan
- Persawahan
- dll



LED quantity: 40
LED lumens:
- high 1600
- medium 500
- low 150
Solar panel:
monocrystalline 9.5 watts
Night sensor
Waterproof (IP65)
Rechargeable lithium battery
Battery specs: 3.7-volts 12 Ah
Run time: up to 3 full nights
(150 lumens) on a single charge



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WAGAN[®]
T E C H

TOP AMERICAN
B R A N D 

www.wagan.com

didistribusikan oleh;

rekasola
listrik mandiri untuk semua

rekasola merupakan divisi retail dari
PT REKASURYA PRIMA DAYA

diimpor oleh:



rekasurya
ahlinya tenaga surya

- Terintegrasi dalam satu unit yang terdiri dari Lampu LED, Panel Surya, Baterai, Controller, sensor gerak, dll, semua terangkai dengan rapi tanpa ada kabel terlihat di luar unit.
- Sangat mudah dalam pengiriman, pemasangan, dan pemeliharaan sehingga menghemat biaya tenaga kerja.
- Kombinasi sempurna dari tenaga surya dan lampu LED membuat produk ini hemat energi dan ramah lingkungan.
- Kerapatan kapasitas energi baterai Lithium yang tinggi, sehingga tidak membutuhkan ukuran baterai yang besar. Memiliki ketahanan terhadap temperatur yang lebih baik dari jenis baterai yang lain membuat baterai ini memiliki lifetime yang lebih lama.
- Aman dan handal dengan desain anti air.
- Alumina alloy digunakan sebagai struktur utama untuk mencegah dari debu dan korosi, juga baik untuk disipasi panas.
- Mode operasi pengontrolan daya secara otomatis, intensitas cahaya akan berkurang setelah tengah malam jika tidak terdapat aktivitas di sekitar lampu untuk menghemat energi.



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TAHUN GARANSI

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LED Power	30W 12Vdc	40W 12Vdc	60W 12Vdc
LED Chip	Philips		
Lumens	3300lm	4400lm	6600lm
Viewing Angle	120 degree		
CCT	6000K		
Lifespan	50000 hours		
Solar Panel	High Efficiency Monocrystalline		
Max Power	55W	65W	75W
Life Time	25 Years		
Battery Type	LiFePO4 12.8V		
Capacity	19.5AH	30AH	40AH
Life Time	5-8 Years		
Charger Time by Sun	8 Hours		
Full Power Mode	12 Hours		
Working Temperature	30-60 degree		
Sensor	Microwave sensor & Dimmer		



Stainless Steel Screw

easy to install, mount on the pole or wall by screw

100% brightness
motion detected



50% brightness



PHILIPS

Solar Lighting

Solar All in One (AIO) 40 W Street Light

Solar All in One (AIO) 40 W Street Light is designed for ease of installation and easy to commission in the field by single touch of remote controller to wake up the light for operational use. The load will automatically turn On/Off by sensing the dusk and dawn by using PV Panel voltage as sensor. The LED is programmed for fixed dimming pattern by intelligent software and to deliver one night load back up once if the battery is fully charged by sunny days



Type	Solar All in One 40W		
Solar Panel	Type of PV Panel		Mono Type
	Open Circuit Voltage	Voc	22 V
	Voltage at Maximum Power	Vmp	18 V
	Total Solar Charging Hours (STC Sun hours at 1000W/m ² , 25degC, 1.5atm)	Wp Hours	60 5
Battery	Battery Type		Li-Ion
	Battery Nominal Voltage	V	11.1 V
	Battery Capacity	Amp-Hour	30 Ah
Battery Charger	CC Current		<10 a battery current
	Charge Control Topology		PWM Type
	Charging Electronics Efficiency @ rated power @ 11.1V battery and 18 V of PV		>98%
	Battery Temperature compensation for Li-on		N.A
	Battery SOC/DOD		Based on Battery Voltage
Dusk	PV volt when LED Loads turns ON	V	8 V
Dawn	PV volt when LED Loads turns OFF	V	9.5 V
Dusk/Dawn Delay	Time delay after sensing the dusk/dawn threshold	sec	10 Seconds
Battery Charging /Discharge threshold	Maximum Charge Volt (CV)	V	12.5 V
	Over Discharge Volt	V	9.2 V
	Over Discharge Reconnect Volt	V	10.2 V
LED Driver (battery threshold)	Typical Lumen Output	lm	5000
	CCT	K	6500
	No. of LEDs in Luminaire	No.	60
	Nominal LED Voltage	Vout	30 V (5S6P x2)
	Max Load Current from LED Driver	Iout	1.3 A max
	Maximum LED Wattage From Battery	Pout	40 W
	Minimum LED Wattage settable	W	8 W
	Fixed LED Dimming Profile		100% (40W) Light for 3 hours since dusk and then 30% (12W) light till dawn



Eco-friendly lithium battery



Over 2000 times cyclic charge discharge



Over 8 years battery lifespan

BEST QUALITY LITHIUM BATTERY



High luminous efficiency



Long Lifespan



Low heat emission



Stable and prolonged 100% lumen output

LED CHIP WITH HIGH EFFICACY



Distributor:

