



TRUSTTEC[®]
energy products

2015/09

EN

Solar- LED-Street-Light ALL IN ONE

*Enjoy light and security
every night*



Enjoy light and security every night

Features:

- Full automatic Solar-LED Lamp
- 1200 - 6600 Lumen / 6500 - 7000 k
- IP 65 - sturdy Aluminium-Case
- LED Lifetime ~ 50.000 hours
- 5 years manufacturer warranty for the full system
- connector for a extra 20 W and 18 V solar module
- Working temperature -20 ~ 60°C
- LiFEPO4-Battery inside
Lifetime more than 5 years
- Motion Sensor
- Charge time by sun ~ 7 hours
- Discharge ca. 20 hours

No AC-Cable any more !



Solar LED-Street-Light ALL IN ONE

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Technical Data



Typ	TKT 212	TKT 220	TKT 230	TKT 240	TKT 260
LED Lamp	Ebistar 12W	BridgeLux 20W	BridgeLux 30W	BirdgeLux 40W	BirdgeLux 60W
Solar Panel monocrystalline silicon	18V 20W	18V 45W	18V 60W	18V 60W	18V 90W
Battery Lithium LiFEPO4	12,8 V / 9Ah	12,8 V / 18 Ah	12,8 V / 21 Ah	12,8 24 Ah	12,8 / 42 Ah
Temp.Color (K)	6500 - 7000				
Product Size (mm)	480 x 320 x 80	1140 x 325 x 140			1140 x 450 x 140
Packing Size (mm)	530 x 400 x 150	1190 x 400 x 230			1190 x 530 x 230
Manufactor Warranty Time full system	5 years				
Viewing Angle	120 °				
Net Weigth (kg)	6,80	17,80	18,0	18,5	21
Gross Weigth (kg)	7,60	19,30	19,5	20,0	24,5
Lumen (lm)	1200 - 1320	2000 - 2200	3000 - 3300	4000 - 4400	6000 - 6600
Discharge time	10 - 12 hours, 3 rainy days				
Working Temp.	-20 °C - +60°C				
Mounting Height (m)	3 - 4	6 - 7		7 - 8	8 - 9
Power Capacity (optional function)	yes, 4 LED's				
Saving Mode	Sensor controller				
Certificates	CE, ROHS, IP 65				



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Features:

- LED Street Lamp
- > 95 Lumen/Watt
- IP 66 - sturdy Aluminium-Case
- LED Lifetime ~ 50.000 hours
- 3 years manufacturer warranty
- Working temperature -35 ~ 50°C
- Irritation angle 120°
- Certificate CE / ROHS / ISO 9001-2008
- solid construction
- long life technology



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Technical Data Grid Version 230 V

Typ	LST 60/80 W	LST 100/120W	LST 150 W	LSR 30/60/80W	LSR 120W	LSR 180W
Input voltage	AC 85-265 V	AC 85-265V	AC 85-265V	AC85-265V	AC 85-265V	AC 85-265V
Power	1x 60 W / 80 W	2x 50W/60W	3x 50W/60W	1x30W/ 60W/80W	2x 50W/60W	3x 50W/60W
Color Temp.	2500-7000 K					
RA	>75	>75	>75	>75	>75	>75
Working Temp.	-35 - 50 °C					
Lumen	> 95 LM/W					
Materiel	Aluminium Alloy					
Waterproof	IP 66					
Irritation Angle	120 °					
Operating Factor	>0,90					
Lifespan	50.000 h					
Size l x b x h mm	530/250/110	650/250/110	820/320/130	505/215/75	725/285/82	950/355/85
Certificates	CE ROHS, ISO 9001:2008					
Warranty manufactor	3 years					





TRUSTEC[®]
energy products

From our other product range we can offer
basic photovoltaic systems and technology in conjunction with:

● **TRUSTEC offgrid storage system 1-25 kWh with grid energy**

- private
- commercial and
- industrial

● **TRUSTEC multifunctional EHYB-storage system**

- Diesel generator substitutes
- energy cost reduction
- load-peak shifting
- commercial 12-24 kW and
- industrial 30 - 120 kW

● **TRUSTEC Energy-Management system**

- commercial and
- industrial

or visit our website: www.trustec-energy.eu

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