

Dragons Breath Solar

DBS805 2-piece UK solar streetlight

Dragons Breath Solar DBS805 light technical values

High performance LED Luminaire for remote unadobted applications

Lighting features

Led light T12	6-30w
Luminous flux capacity	870-4350 Lm
Minimum CRI (colour rendering index)	85
Optic	Asymmetric for street lighting
Automatic dimming 30~50%	100% when triggered
Electrical protection	Short Circuit, Overvoltage, Overcurrent, Overheat
Warrenty	5 years

System power	150w
System voltage	12v
Max current	3.68A

Battery	LiFePo4 @ 12.8v (307wh)
Life	>2000 (then 80% capacity)
Temperature	-20°C ~ + 75°C

Max load	160w
Controller type	Programable MPPT c/w motion sensor
Weatherproof	IP67

LED source type	SMD3030 72Pcs 1w
Flux @ (T65° C)	2,800lm >80
Colour temperature	5500-6000k
Beam angle	Type II or Type III
Depreciation factor	L70 > 50,000h
Life	90% > 20 years
Efficiency (@ T65°c)	120-145lm

Body material	Steel and aluminium
Lens material	In PMMA with UV protection
Installation	Retro or new 89-114mm diameter top of column
Dimensions	1120*700*20mm
Protection grade	IP65
Impact grade	IK08
Weight	18.3kg

Solar panel

150w
12v
3.68A

Battery

LiFePo4 @ 12.8v (307wh)
>2000 (then 80% capacity)
-20°C ~ + 75°C

Controller

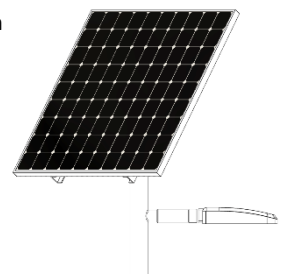
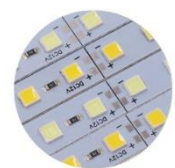
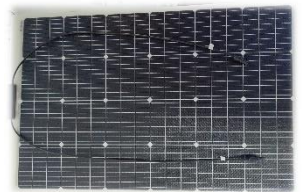
160w
Programable MPPT
c/w motion sensor
IP67

Photometric features

SMD3030 72Pcs 1w
2,800lm
>80
5500-6000k
Type II or Type III
L70 > 50,000h
90% > 20 years
120-145lm

Constructive features

Steel and aluminium
In PMMA with UV protection
Retro or new 89-114mm diameter top of column
1120*700*20mm
IP65
IK08
18.3kg



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