

Hoja de datos del producto **AEP-LB-SU12W**

Característica

Portable Solar LED Lighting System-1.2W



Main

Power consumption by LED	1.2 W
Solar input voltage	8 V - 16 V (+/-1V DC)
Efficiency of LED controller	85%
Maximum light output	120 Lumens
Colour of LEDs	Warm White 5000k Typical
Battery charging (Solar)	Green LED Blinking
Battery low	Red LED is Blinking
Backup duration	<ul style="list-style-type: none">Light only<ul style="list-style-type: none">6hrs-120 lumens12hrs- 55 lumens48hrs- 10 lumens
Cable length from Solar panel to DC input	5 m, 2 core, 22 AWG (0.32 mm ²)
Solar panel type	Multi Crystalline Silicon
Maximum rated power	2.5 Wp
Peak power voltage	8.20 V
Battery type	Lithium Ferro Phosphate
Rated capacity	6.4 V, 1.5 Ah
Mobile phone charger port	5 V, 300 mA +/-10mA
Mobile phone charging Adaptors	5 Pin adaptors
Product Certifications	SONCAP, IP65

Complementary

Mechanical Specifications

Dimensions - Lamp (B x H)	156x142 mm
Dimensions - Solar panel (B x H X D)	201x201x21 mm
Net weight - LED lamp	0.5 Kg
Net weight - Solar panel	0.55 Kg
Gross weight	1.05 Kg

Environment

Operating / Storage temperature	-10 to 50°C
Relative humidity	90%

Product data sheet
Characteristics

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Packaging Information

Type	Dimensions (L x B x H in mm)	Net weight (Kg)	Gross weight (Kg)	No. of units
Unitary package	208 x 185 x 212	1.05	1.50	1
Group package	430 x 385 x 450	12.0	13.8	8
Pallet package	1200 x 1000 x1060	165.6	200	96