

CLEO-LED10B HYBRID

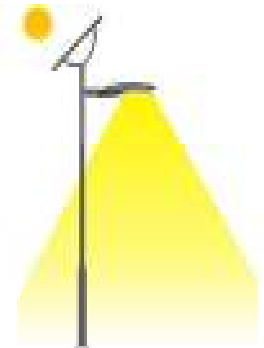
Cost Effective Solar Lighting Solution







The Most Engaging Hybrid LED Solar Street Light

Now Enhanced By The World's Most Powerful Features!

Five load working modes: Pure lighting control, Lighting control & timing control, Manuel operation, Test mode and Load open all time.



COMPONENT	SPECIFICATION	REF. PHOTO
Led Lamp fixture CLEO-LED10B-40w	USA Bridgelux LED chip, efficiency >140lm/w, life-spen 50,000h, die-casting: aluminum, IP65	
Poly Solar Panel 100w	100w poly solar panel, A grade solar cell, high conversion efficiency, 25 years at 85% of minimal rated output power	
Battery 33Ah Lithium	33Ah lithium battery, free maintenance, deep cycle. Life-span:>6years, warranty: 3 years	
Solar Controller 10A	10A, 12V/24V auto-sensing, light on + time intelligent control, high efficient and accurate charging control, IP68, various protections	

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Migdal-or Lighting Eng. Tel. 04-8525244 Fax. 04-8525245 office@migdal-or.org



CLEO-LED10B CONTROLLER



Model	SR-E series
rated charging current	<input type="checkbox"/> 5A <input type="checkbox"/> 10A <input type="checkbox"/> 15A <input type="checkbox"/> 20A
Rated discharging current	<input type="checkbox"/> 5A <input type="checkbox"/> 10A <input type="checkbox"/> 15A <input type="checkbox"/> 20A
Working Voltage	<input type="checkbox"/> 12V ; <input type="checkbox"/> 24V ; <input type="checkbox"/> 12V/24V Auto
No load losses	<5mA;
Charging circuit voltage drop	Less than or equal to 0.20V
Discharge circuit voltage drop	Less than or equal to 0.15V
Over voltage protection	17V; ×2/24V;
boost charge voltage	14.6V; ×2/24V (time of duration: 30 minutes) used every 7 days or when the battery is over discharged
Direct charge voltage	14.4V; ×2/24V (time of duration: 30 minutes)
Float charge voltage	13.6V; ×2/24V
Charge recover voltage	13.2V; ×2/24V
Over discharge recover	12.5V; ×2/24V

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