



AI POWER

AI POWER SOLAR LIGHT TOWER SPECIFICATION

Model		AISLT-100W		Solar panels	Maximum power		330W	
Battery		200Ah×4			power tolerance		3%	
lamp		LED100W×4			open circuit voltage		40.1V	
Solar panels		330W×4			Operating Voltage		33.5V	
Lifting height of light pole		2.485m~6.5m			Working current		9.9A	
Light pole lifting method		Manual/electrical			weight		18KG	
trailer type		≤25km/h		Battery	type		Lithium iron phosphate battery	
Full working time		46h			Number of series		8S	
Charging way	Solar panel	18h charge to full			Rated voltage		25.6V	
	grid power	16h charge to full			Discharge cut-off voltage		21.6V	
Light pole rotation angle		350°			Charging voltage		recommend 27.2V（trickle charger）	
Light Flip Angle		90°					recommend 28.8V（Equal charge）	
Luminous flux		16000Lm×4			Self-discharge rate		≤2%/ month	
illumination	mini 5Lx	Irradiated area 1600m²			range of working temperature		0~65℃ charge	
	average 20Lx	Irradiated area 1764m²					-20~65℃ discharge	
Overall size/mm		3500×1680×2485（6500）			storage temperature range		-40~70℃	
unfolded size/mm		3500×3180×2485（6500）			Protective function		overcharge, overdischarge	
loading size		2300×1540*2485			nominal capacity		200Ah	
weight		1230kg			Maximum continuous charging current		100A	
40ft container load quantity		8 sets			Maximum Continuous Discharge Current		100A	
					maximum weight		46KG	

