

Real Time AWD

Real Time AWD, a maximum of 20° of climbing ability



self-powered

85 Wp PV module +12AH lithium iron phosphate battery, High-performance self-powered system no wires



Waterless cleaning

no damages on PV panels after 10000 times cleaning test



Intelligence operations

Lora/4G communications, visual interface, big data platform, Real-time self-check system, GPS



Running guarantee

anti slippery protection , wind protection system



High quality



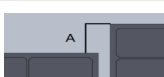
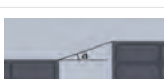
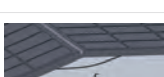
Modular design, reduce failure rate, protection, etc Grade IP65, 2-year standard Quality assurance, provide reliable guarantee

PRODUCT MODLE

product line: LTCR-S(single PV module)-dimensions L*W*H: -other code:

LTCR-L(multichip module)-dimensions L*W*H: -other code:

PRODUCT TYPE

DESIGNATION	LTCR-S	LTCR-L	DESIGNATION	LTCR-S	LTCR-L	
Cleaning robot dimensions Length (mm)	L (≤3000)	L (≤6000)	high adaptability of slope	Max 20°	Max 20°	
Cleaning robot dimensions Width (mm)	570	570	sensor number	2	4	
Cleaning robot dimensions Height (mm)	420	420	climbing ability	Max 20°	Max 20°	
Cleaning robot weight (kg)	40-50	52-70	obstacle crossing ability (module with module)	50mm	50mm	
motor number (Unit)	1	2	frame displacement	30mm	50mm	
motor power (W)	120	240	table displacement	Max 11°	Max 8°	
KVA (A)	<3	<6	subsidence angle	165°	165°	
VDC (V)	<36		Max round-trip cleaning Distance	2000m	1000m	
Pmax (W)	<240		cleaning speed	16-21		
Standby power (W)	<1.5		cleaning method	Brush without water		
Power Supply	Self-powered (one 85Wp PV module)		communication method	LoRa/4G		
Battery type & capacity	LFP , 12AH		communication protocol	Modbus RTU, Modbus TCP		
Operating Temperature	-30°C~+60°C		communication distance	5-10km		
Low Temperature Protection for Battery	Heating module for Battery (optional)		wind protection	yes		
Applicable Module Types	Frame with solar module		standard warranty	2 years		