

全自动清扫机器人参数			
Item	01	02	03
Scanning Speed(m/min)	12	12	12
Single cleaning distance(m)	≥2000	≥2000	≥3000
uninterrupted working time (h)	2-3	2-3	3-4
rated voltage (V)	24	24	24
Motor Type	brushless electric machine	brushless electric machine	brushless electric machine
Motor power of the cleaning robot(W)	120	120	120
Power consumption of the motor for the line-changing robot (W)	/	/	200
Motor lifespan(H)	10000	10000	10000
Scanning Robot Battery Capacity(AH)	16	20	30
Line-breaking robot battery capacity(AH)			16
Battery type	Low-temperature lithium battery	Low-temperature lithium battery	Low-temperature lithium battery
Charging cycle count(次)	≥800	≥800	≥800
Charging photovoltaic panel for the cleaning robot (W)	55	110	165
Line-breaking robot for charging photovoltaic panels(W)	/	/	55
Charging Time(H)	Effective Light4-5H	Effective Light4-5H	Effective Light4-5H
control mode	Remote Control + Manual Mode	Remote Control + Manual Mode	Remote Control + Manual Mode
Brush roller material	nylon 610	nylon 610	nylon 610
operating ambient temperature (°C)	-25~70℃	-25~70℃	-25~70℃
Protection rating of the control box	IP65	IP65	IP65