

Evaluation of DARBCO cleaning Robot | Accelerated testing for PV Solar panels



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6 Conclusions

According to the tests results as illustrated in the below table, the accelerated cleaning test of Darb cleaning robot shows no negative impact due to the cleaning of PV modules using the Darb cleaning robot on Jinko modules for the expected life of over 25 years.

Serial Number	Make	Model	Visual inspection	Result
138807181004110271020205	Jinko	JKM365M-72	No change	Pass
138807181004110271020487	Jinko	JKM365M-72	No change	Pass
138807181004110271020029	Jinko	JKM365M-72	No change	Pass

Serial Number	Make	Model	EL images	Result
138807181004110271020205	Jinko	JKM365M-72	No change	Pass
138807181004110271020487	Jinko	JKM365M-72	No change	Pass
138807181004110271020029	Jinko	JKM365M-72	No change	Pass

Serial Number	Make	Model	Absolute Output Power deviation	Criteria according to uncertainty	Result
138807181004110271020205	Jinko	JKM365M-72	0.34%	>1.4%	Pass
138807181004110271020487	Jinko	JKM365M-72	0.64%	>1.4%	Pass
138807181004110271020029	Jinko	JKM365M-72	0.77%	>1.4%	Pass

