



PV Module Reliability Scorecard Report 2016

ONLY

KYOCERA AND PHONO SOLAR
WERE RANKED

"TOP PERFORMER"

Figure 5-1 PV Module reliability scorecard test results summary

Reliability Test	Top Result	Bottom Result
Thermal Cycling	-1.07%	-34.59%
Damp Heat	-0.57%	-58.77%
Humidity-Freeze	-0.13%	-4.10%
Dynamic Mechanical Load	-0.18%	-7.28%
PID (-1kV)	0.47%	-58.27%

Manufacturers
CSUN
Hanwha
JA Solar
Jinko
Kyocera
Phono Solar
Q-Cells
REC
RECOM
Tenksolar
Trina
Yingli
ZNShine

Source: DNV GL Laboratory Services Group

