

LG Mono X™ NeON 72 Cell

LG365N2W-B3 / LG360N2W-B3

72 Cell

Introducing NeON module series, which uses highly efficient n-type materials, an elaborate process control adopting a semiconductor processing solution and a double-sided structure. Our R&D concentrates on developing a product that is not only efficient, but strives to increase practical value for customers.



Key Features



N-Type Material

Mono X™ NeON uses n-type cells, boasting higher mobility of electric charge, resulting in generation of high efficiency.



High Power Output

Compared with previous models, the Mono X™ NeON has been designed to significantly enhance its output efficiency making it efficient even in limited space.



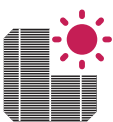
Enhanced Performance Warranty

Mono X™ NeON has an enhanced performance warranty. The annual degradation has fallen from -0.7%/yr to -0.6%/yr. Even after 25 years, the cell guarantees 2.4%p more output than the previous NeON™ modules.



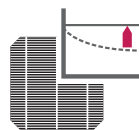
Double-Sided Cell Structure

The rear of the cell used in Mono X™ NeON is designed to contribute to generation of additional power; the light beam reflected from the rear of the module is reabsorbed to generate a great amount of additional power.



Better Performance on a Sunny Day

Mono X™ NeON now performs better on a sunny days thanks to its improved temperature coefficient.



Near Zero LID (Light Induced Degradation)

The n-type cells used in Mono X™ NeON have almost no boron, which may cause the initial efficiency to drop, leading to less LID.

About LG Electronics

LG Electronics is a global big player, committed to expanding its operations in the solar market. The company first embarked on a solar energy source research program in 1985, supported by LG Group's vast experience in the semi-conductor, LCD, Chemistry, and materials industries. In 2010, LG Solar successfully released its first Mono X® series to the market, which is now available in 32 countries. The NeON™ (previous, Mono X® NeON) and The NeON™ 2 won the "Intersolar Award" in 2013 and 2015, which demonstrates LG Solar's lead, innovation and commitment to the industry.



