

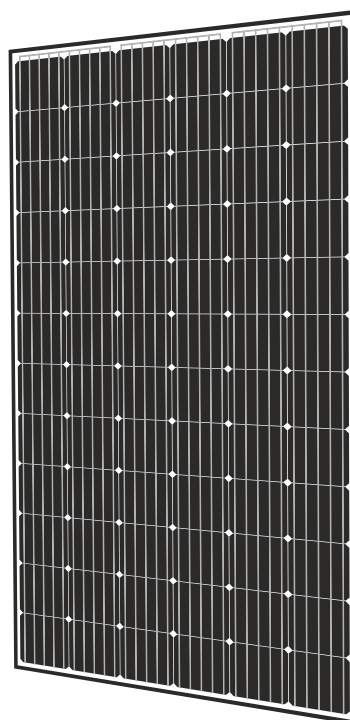
STANDARD PHOTOVOLTAIC MODULES

The standard product from ML System is the PV module, available in the single size of 992 mm x 1960 mm. The basic components of the PV module is the monocrystalline or polycrystalline silicon modules (depending on the specific versions). The PV cells are laminated between two plastic films for long life. The PV module sealing and protection is ensured by tempered glass on one side and a Tedlar film (or another glass pane) on the other side. The entire assembly is held together by an aluminium frame which makes the structure stiff and facilitates mounting on support structures, e.g. rooftops or open ground.

The glass-to-glass PV modules with the cells protected by glass panes from both sides require no framing.

The ultralight special versions are built using an ultrathin tempered glass pane on the front side and a Tedlar film on the back. The assembly is surrounded by a frame which provides structural stiffness. The solution reduces the weight of the module to a mere 11 kg while retaining the stiffness and mechanical strength of the structure.

The ML System standard PV modules are compatible with the majority of PV mounts available on the market and are designed for flat roofs, pitched roofs and ground installations.



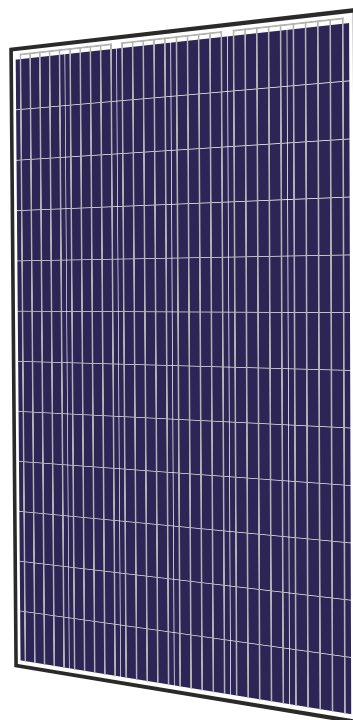
SunMon module

System technical specifications

ML SunMon 345	
Power rating	345 W
Cell technology	monocrystalline
Max. operating voltage	1000 V DC

ML - SunPol 320	
Power rating	320 W
Cell technology	polycrystalline
Max. operating voltage	1000 V DC

Cells	72
Cells size	6"
Structure	glass-to-glass
	glass/Tedlar
	ultrathin glass/Tedlar
Build	aluminium frame
	no-frame
Weight	11-35 kg
Size	992 x 1960 mm



SunPol module

ML SYSTEM S.A.