

# OPTONICA



**SunPro - 450Wp**  
**Bifacial BLACK**  
**FRAME N-Type**  
**TOPCON - TIER1**

**Light color**



None

**Stamps**



## Technical Specification

**Catalog Number**

9416

<b>Brand</b>	SunPro
<b>Product Code</b>	SPDG450-N96R12
<b>IP</b>	68
<b>Light Color</b>	None
<b>EAN Code</b>	3800156694163
<b>Size of product</b>	1762x1134x30mm
<b>Rated Maximum Power</b>	450 Wp
<b>All technical standard test condition</b>	AM1.5 E=1000W/m <sup>2</sup> T <sub>c</sub> =25°C
<b>Short Circuit Current Tolerance</b>	15.90A
<b>Open Circuit Voltage Tolerance</b>	35.80V
<b>Max system voltage</b>	1500V
<b>Gross weight</b>	24,000 kg
<b>Net weight</b>	23,800 kg
<b>Warranty</b>	Product warranty 15 years/30 years up to 85% output power