ND-R245A5

- High-performance photovoltaic modules made of polycrystalline (156.5 mm)² silicon solar cells with module efficiencies of 14.9%.
- 3 busbar technology for enhancing the power output.
- Anti-reflex coating to increase light absorption.
- Production controlled positive power tolerance from 0 to +5 %. Only modules will be delivered that have the specified power or more for high energy yield.
- Delivery of modules in 5-watt intervals.
- Improved temperature coefficient to reduce power losses at higher temperatures.
- High power performance even at lower irradiations.

Technical Specification

General	
Nominal Output (Wp)	245
Module Efficiency (%)	14,9

Mechanical data	
Cell size (mm)²	156,5
No. of cells and connections	60 in series
Dimensions (LxHxW) (mm)	1652x994x46
Weight (kg)	19
Maximum mechanical load (N/m2)	2400

Electrical Characteristics	
Open Circuit voltage Voc (V)	37,3
Short circuit current Isc (A)	8,62
Maximum power voltage Vpm (V)	30,7
Maximum power current Ipm (A)	7,99
System Voltage (V DC)	1000

Thermal coefficients and characteristics	
αPm (%/°C)	-0,440
αIsc (%/°C)	0,038
αVoc (%/°C)	-0,329
Operating temperature (°C)	-40 to +90
Storage temperature (°C)	-40 to +90
Storage air humidity (%)	-