

BAXTHOR® 250M60 – BAXTHOR® 270M60 BLACK EDITION

Performance under STC

Standard Test Conditions (1000W/m², 1.5 AM, 25°C)

P _{MAX}	250 Wp	255 Wp	260 Wp	265 Wp	270 Wp
V _{MP}	30,26 V	30,47 V	30,68 V	30,90 V	31,12 V
I _{MP}	8,28 A	8,38 A	8,48 A	8,58 A	8,68 A
V _{OC}	37,55 V	37,76 V	37,97 V	38,18 V	38,38 V
I _{SC}	8,80 A	8,92 A	9,04 A	9,15 A	9,27 A

Performance under NOCT

Normal Operating Cell Temperature 48,4°C (800W/m², 1.5 AM, 20°C)

P _{MAX}	181,92 Wp	185,5 Wp	189,08 Wp	192,67 Wp	196,26 Wp
V _{MP}	27,27 V	27,47 V	27,67 V	27,87 V	28,06 V
V _{OC}	34,51 V	34,70 V	34,89 V	35,08V	35,26 V
I _{SC}	7,10 A	7,19 A	7,28 A	7,37 A	7,47 A

Thermal Characteristics

P _{MAX}	-0,44 %/K
V _{OC}	-0,31 %/K
I _{SC}	0,031 %/K

Weak Light Performance

Intensity	V _{MP} (%)	I _{MP} (%)
800	0,35	-20
600	0,38	-40
400	-0,23	-60
200	-2,57	-80
100	-5,66	-90

Monocrystalline Solar Module

Power Sorting	0 / +5 Wp
Components	Glass-EVA-Cell-EVA-Backsheet 60 monocrystalline Solar Cells Frame: black Aluminium Backsheet: black
Maximum System Voltage	1000 V DC
Mechanic Load	5400 Pa (superimposed load) 2400 Pa (suction load)
Operating Temperature Range	-40°C - +85°C
Dimensions	1649 × 995 × 40 mm
Weight	22 kg
Packaging	24 Modules

