REVOLUTION

REVOLUTION 6 INCORPORATED

TECHNICAL SPECIFICATIONS Module Type: CLASSIC FRAMED 230/60

PHYSICAL CHARACTERISTICS	
length	1641 mm
width	990 mm
thickness	38 mm
weight	18,5 kg
number of cells in series	60
number of cells in parallel	1
distance between cells	2 mm
DISTANCE BETWEEN CELLS AND GLASS EDGE	
sides	20 mm
top	25 mm
bottom	25 mm

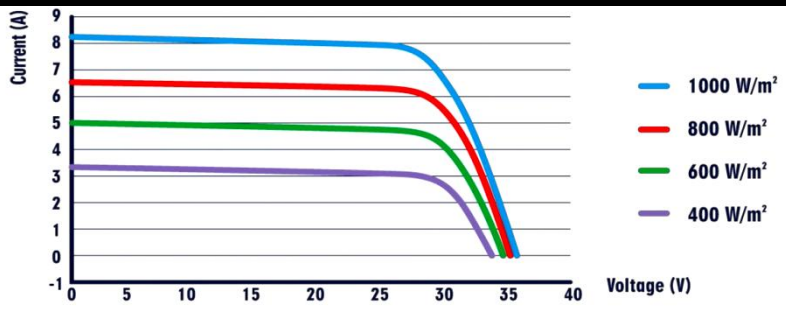
ELECTRICAL CHARACTERISTICS/MODULE TYPE	CLASSIC FRAMED 230/60
cells	Polycrystalline 156x156 mm
maximum power [P_{max}]	230 Wp
maximum power voltage [V_{max}]	29,70 V
maximum power current [I_{max}]	7,75 A
open circuit voltage [V_{oc}]	36,90 V
short circuit current [I_{sc}]	8,35 A
maximum system voltage	1000 V/DC
module power tolerance	-/+ 3 %

Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1,5 and cell temperature of 25°C.

TEMPERATURE DATA		
Power temperature coefficient Tc	Tc(P_{max})	-0,472%/°K
Temperature coefficient voltage Tc	Tc(V_{oc})	-0,385%/°K
Temperature coefficient current Tc	Tc(I_{sc})	+0,065%/°K
NOCT (800W/m², 20°C, AM 1.5, 1 m/s)	-	45 °C

IRRADIANCE DEPENDENCE	W/m²	1000	800	600	400
I_{sc}	%	0	-19,6	-39,5	-59,2
V_{oc}	%	0	-1,38	-3,05	-5,90

I-V CURVES IRRADIANCES DEPENDENCE



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REVOLUTION 6 INCORPORATED
30/25, Kochanowskiego Street, 33-100 Tarnow, POLAND
Internet: info@revolution6.com http://www.revolution6.com