

ROM ULTRA 700–740 W

TOPCon bifacial, dual glass · 132 half-cut cells

740 W

maximum power

23.82%

maximum module efficiency

15 years

product / materials warranty

30 years

linear power warranty

MECHANICAL CHARACTERISTICS

Cell technology	TOPCon bifacial, N-type
Number of cells	132 [2 × (11 × 6)], half-cut
Dimensions (L × W × H)	2384 × 1303 × 35 mm
Weight	37.5 kg
Front glass	2.0 mm, anti-reflection coating
Back glass	2.0 mm, heat strengthened
Frame	Anodised aluminium alloy
Encapsulant	Transparent EVA
Junction box	IP68, 3 diodes, 35 A
Output cables	4 mm² (IEC), 12 AWG (UL)
Connectors	MC4-compatible
Cable length	400 mm (custom length on request)

GENERAL SPECIFICATIONS

Nominal power (Pmax)	700 – 740 W
Power tolerance	0 ~ +5 W
Maximum system voltage	1500 V
Product / materials warranty	15 years
Linear power output warranty	30 years
Packaging	31 modules / pallet · 18 pallets / 40 ft container · 558 modules / container

ELECTRICAL DATA (STC)

Model	Pmax (W)	Voc (V)	Vmp (V)	Isc (A)	Imp (A)	Efficiency (%)
ROM-66H-740	740	49.6	41.3	18.9	17.9	23.8
ROM-66H-735	735	49.5	41.2	18.8	17.8	23.6
ROM-66H-730	730	49.3	41.1	18.8	17.7	23.5
ROM-66H-725	725	49.2	41.0	18.7	17.6	23.3
ROM-66H-720	720	49.0	40.8	18.6	17.6	23.1
ROM-66H-715	715	48.8	40.7	18.6	17.5	23.0
ROM-66H-710	710	48.7	40.6	18.5	17.4	22.8
ROM-66H-705	705	48.5	40.5	18.4	17.4	22.7
ROM-66H-700	700	48.4	40.4	18.4	17.3	22.5

STC: 1000 W/m², AM 1.5, 25 °C. Nominal values, subject to change.

TEMPERATURE CHARACTERISTICS

Temperature coefficient of Pmax **−0.288% / °C**

Temperature coefficient of Voc **−0.24% / °C**

Temperature coefficient of Isc **+0.047% / °C**

POWER WITH BIFACIAL GAIN (INDICATIVE)

Model	5% gain	10% gain	15% gain
ROM-66H-740	777 W	814 W	851 W
ROM-66H-735	772 W	809 W	845 W
ROM-66H-730	766 W	803 W	839 W
ROM-66H-725	761 W	798 W	834 W
ROM-66H-720	756 W	792 W	828 W
ROM-66H-715	751 W	787 W	822 W
ROM-66H-710	746 W	781 W	816 W
ROM-66H-705	740 W	776 W	811 W
ROM-66H-700	735 W	770 W	805 W

Pmax STC × (1 + gain). Actual gain depends on surface albedo, mounting height and configuration; it is not a yield promise.

Compliance documentation (IEC, CE) is available on request. Images are illustrative; the actual product may differ.