Astronergy ASTRO N7s 2.0 CHSM48RN(DG)(BF)/F-BH 465 W

Astronergy · Solar modules · SKU CHSM48RN-DG-BF-F-BH-465

TOPCon module 465 W, bifacial, black frame. Pallet: 36 pcs, 40'HC container: 936 pcs.

Parameter	Value
Power	465 W
Technology	TOPCon
Frame colour	black
Efficiency	23.3 %
Dimensions	1762×1134×30 mm
Cells	96 (6x16) half-cut cells
Bifacial	yes
Voc	36.9 V
Isc	15.98 A
Weight	24.5 kg
Dimensions (m)	1.762 × 1.134 × 0.03
Units per pallet	36
Pallets per 40'HC	26

Warranty

25-year product warranty, 30-year linear performance warranty — per the manufacturer datasheet.

Based on Astronergy manufacturer documentation. Full certificates: https://www.astronergy.com