# Astronergy ASTRO N7s 2.0 CHSM54RN(DG)/F-BH-BF 515 W

Astronergy · Moduli fotovoltaici · SKU CHSM54RN-DG-F-BH-BF-515

TOPCon module 515 W, bifacial, black frame. Pallet: 36 pcs, 40'HC container: 864 pcs.

| Parameter | Value |
|---|---|
| Power | 515 W |
| Technology | TOPCon |
| Frame colour | black |
| Efficiency | 23.2 % |
| Dimensions | 1961×1134×30 mm |
| Cells | 108 (6x18) half-cut cells |
| Bifacial | yes |
| Voc | 41.37 V |
| Isc | 15.79 A |
| Weight | 26.9 kg |
| Dimensions (m) | 1.961 × 1.134 × 0.03 |
| Units per pallet | 36 |
| Pallets per 40'HC | 24 |

## 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