JA Solar DeepBlue 4.0 Pro JAM54D40-460/LB 460 W · Black frame

JA Solar · Solar modules · SKU JAM54D40-460-LB

TOPCon module 460 W, bifacial, black frame (Black frame). Pallet: 36 pcs, 40'HC container: 936 pcs.

Parameter	Value
Power	460 W
Technology	TOPCon
Frame colour	black
Efficiency	23 %
Dimensions	1762×1134×30 mm
Cells	108 half-cells (6x18) - 54-cell format
Bifacial	yes
Voc	39.7 V
Isc	14.64 A
Weight	22 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 JA Solar manufacturer documentation. Full certificates: https://www.jasolar.com