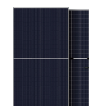


Art.No.	article name
431244600	Kopp Double Glass Bifical photovoltaic module, 108 monocrystalline N-type half cells, STC output: 440Wp, anodized aluminium frame, colour: black



Kopp Double Glass Bifical photovoltaic module, with 108 monocrystalline N-type half cells, STC output: 440Wp, connector: MC4, cable length 1200mm each, 30mm anodized aluminium frame, colour: black

Technical data		431244600
Height	30.0 mm	
Length	1722.0 mm	
Operating temperature	-40 - 85	
With connection cable	yes	
Width	1134.0 mm	
Weight	21.500 kg	
Cable length	1.2 m	
Number of cells	108	
MPP power by STC	440 Wp	
Max. system voltage	1500 V	
MPP-voltage	33 V	
Open circuit voltage	39.4 V	
MPP-current	13.18 A	
Short-circuit current	13.85 A	
Power tolerance	0 - 3	
Module efficiency factor (STC)	22.50 %	
Temperature coefficient Pmpp	0.00 %/K	
Temperature coefficient Uoc	-0.26 %/K	
Temperature coefficient Isc	0.05 %/K	
With frame	yes	
Colour frame	Black	
Number of bypass diodes	3	
Suitable for vertical/overhead glazing	yes	
Glass with anti-reflection coating	yes	
Colour backsheet	unknown	
Colour cells	schwarz	
Cell material	Mono crystalline	
Farbe (Kopp-Bezeichnung)	black anodized aluminium frame	