



Lindab SolarRoof™

Technical product data sheet

Module Configuration		Sizes			
		2x22	2x33	3x22	3x33
Electrical Specifications @ STC (AM 1.5, 1 000 W/m², 25 deg. C)					
Nominal Power (STC)	P _{mpp} [W]	122,2	188,8	183,0	275,0
Open Circuit Voltage	V _{oc} [V]	28,51	44,06	42,76	64,52
Short Circuit Current	I _{sc} [A]	5,27	5,27	5,27	5,27
MPP Voltage	V _{mpp} [V]	24,33	37,60	36,49	55,49
MPP Current	I _{mpp} [A]	5,02	5,02	5,02	5,02
Power Output Tolerance		0/+5%			
Mechanical Specifications					
Length	mm	2000	3000	2000	3000
Width	mm	375	375	565	565
Module thickness	mm	2,5	2,5	2,5	2,5
Thickness at Junction Box	mm	20	20	20	20
Back sheet color		Black			
Front Sheet Finish		Matt/Glossy			
Junction Box/ Connectors/ IP		2 Diode / MC4/ IP67	2 Diode / MC4/ IP67	4 Diode / MC4/ IP67	6 Diode / MC4/ IP67
Cable Length	mm	400			
Weight	kg	3,9	4,2	5,9	8,8
No of Cells	pcs.	44	68	66	102
Cell Type		Mono-Si			
Substrings		9	9	9	9
Certified Test Loads (snow/wind)	[Pa]	5000/2400			
Impact Resistance		As per IEC			
Thermal Characteristics					
Temperature coefficient	V _{oc} [%/C]	-0,2771	-0,2771	-0,2771	-0,2771
Temperature coefficient	I _{sc} [%/C]	0,0650	0,0650	0,0650	0,0650
Temperature coefficient	P _{mpp} [%/C]	-0,3212	-0,3212	-0,3212	-0,3212
Temperature range		-40 to +85 C			
Guarantee and Certification					
Performance Guarantee		10 years at 90%; 25 years at 85% (@ STC)			
Product Guarantee		10 years			
Certification		IEC61215 / 61730 / ISO9001			
Protection Class		Class III			