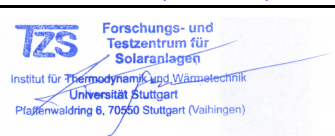


Annex to Solar Keymark Certificate					Licence Number		011-7S3307 F				
					Date issued		2025-07-09				
					Issued by		DINCERTCO				
Licence holder		Non Conventional House s.r.l.			Country		Italy				
Brand (optional)					Web		www.nonconventionalhouse.it				
Street, Number		via S. D'Acquisto n.1			E-mail		myhouse@nonconventionalhouse.it				
Postcode, City		73030 Ortelles (LE)			Tel		+39 389 9181259				
Collector Type					Flat plate collector						
Collector name	Gross area (A_G) m ²	Gross length mm	Gross width mm	Gross height mm	Power output per collector G _b = 850 W/m ² , G _d = 150 W/m ² & u = 1.3 m/s $\vartheta_m - \vartheta_a$						
					0 K	10 K	30 K	50 K	70 K	112 K	
					W	W	W	W	W	W	
NCE SolPack D.60.25	2.52	2 006	1 257	85	1 915	1 823	1 627	1 413	1 181	634	
Power output per m ² gross area					760	724	646	561	469	251	
Performance parameters test method		Quasi dynamic									
Performance parameters (related to A_G)		η_0 , b	a1	a2	a3	a4	a5	a6	a7	a8	Kd
Units		-	W/(m ² K)	W/(m ² K ²)	J/(m ³ K)	-	J/(m ² K)	s/m	W/(m ² K ⁴)	W/(m ² K ⁴)	-
Test results		0.761	3.53	0.009	0.000	0.00	13 480	0.000	0.00	0.0	0.99
Incidence angle modifier test method		Quasi dynamic - outdoor									
Incidence angle modifier		Angle	10°	20°	30°	40°	50°	60°	70°	80°	90°
Transversal		$K_{\theta T, coll}$	1.00	1.00	1.00	0.99	0.96	0.89	0.68	0.34	0.00
Longitudinal		$K_{\theta L, coll}$	1.00	1.00	1.00	0.99	0.96	0.89	0.68	0.34	0.00
Heat transfer medium for testing					Water						
Flow rate for testing (per gross area, A_G)					dm/dt		0.020		kg/(sm ²)		
Maximum temperature difference during thermal performance test					$(\vartheta_m - \vartheta_a)_{max}$		82		K		
Standard stagnation temperature (G = 1000 W/m ² ; ϑ_a = 30 °C)					ϑ_{stg}		230		°C		
Maximum operating temperature					$\vartheta_{max, op}$		-		°C		
Maximum operating pressure					$p_{max, op}$		1000		kPa		
Testing laboratory		Institut für Gebäudeenergetik, Thermotechnik und Energiespeicherung (IGTE)					http://www.igte.uni-stuttgart.de				
Test report(s)		21COL1630OEM02 21COL1630QOEM02					Dated		26.06.2025 26.06.2025		
Comments of testing laboratory					Ver. 6.2 (13.01.2022)						
Documented performance parameters are taken from 21COL1630OEM02 (NCE SolPack D.60.25)											
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