

Flat Plate - FPC (Collector) PARAMETER TABLE

Collector Type	Roof Mounted
Overall Area (m ²)	2.0
L x W x H (mm)	2005 x 1005 x 90
Weight (kg)	38
Absorber Capacity (L)	1.66
Housing	Aluminium Alloy
Absorber Sheet	Highly selective vacuum coating
Maximum Stagnation Temperature	400°C under test conditions
Maximum Operating Pressure	1.2Mpa

SUNRAIN SOLAR SYSTEM PARAMETER TABLE – FPC COLLECTORS

Model	Units	FPC270-2D	FPC270-3D	FPC340-2D	FPC340-3D	FPC450-2D	FPC450-3D
Nom. Storage Capacity	L	270	270	340	340	450	450
Number of Solar Panels	Qty	2	3	2	3	2	3
Tank weight (empty / full)	kg	84 / 354	84 / 354	102 / 442	102 / 442	150 / 600	150 / 600
Tank Dimensions (Ø x h)	mm	648 x 1408	648 x 1408	648 x 1711	648 x 1711	730 x 1733	730 x 1733
Height to Cold Inlet	mm	82	82	82	82	83	83
Height to Solar Return	mm	569	569	687	687	673	673
Height to Outlet	mm	1169	1169	1472	1472	1473	1473
Height to Element Centre	mm	748	748	912	912	903	903
FPC1200D Panels - STC Values							
Zone 1	STC	37	43	37	43	37	43
Zone 2	STC	41	45	41	45	41	45
Zone 3	STC	36	44	37	45	36	45
Zone 4	STC	32	39	32	40	32	39