



YOUR BENEFITS

- Compatible with Huawei Power Optimizer
- Integrated Plug & Play storage interface
- Remote firmware update
- Easy commissioning via app
- Integrated surge arrester on DC and AC side

Huawei SUN2000L

Inverter type	SUN2000P-375W-M	SUN2000L-2 KTL	SUN2000L-3 KTL	SUN2000L-3.68 KTL	SUN2000L-4 KTL	SUN2000L-4.6 KTL	SUN2000L-5 KTL
Item number	240121	240115	240116	240117	240118	240119	240120
Technical data							
Nominal output power P_N [W]	375	2000	3000	3680	4000	4600	5000
Max. apparent power S_{max} [VA]	-	2000	3000	3680	4000	4600	5000
Max. DC power P [Wp]	375	2660	3990	4968	5400	6210	6750
Max./Europ. efficiency [%]	99.6/99.0	97.7/97.1	98.0/97.4	98.3/97.7	98.3/97.7	98.6/98.0	98.6/98.0
MPP voltage range [V]	10-80	120-480	160-480	190-480	210-480	240-480	240-480
Max. input voltage [V]	1000	600	600	600	600	600	600
Start input voltage [V]	-	120	120	120	120	120	120
Max. current per input [A]	12.0	11.0	11.0	11.0	11.0	11.0	11.0
Power factor $\cos \varphi$ ind./cap.	-	-0.8/0.8	-0.8/0.8	-0.8/0.8	-0.8/0.8	-0.8/0.8	-0.8/0.8
Dimensions and specifications							
Width/Height/Depth [mm]	131/83/27	375/375/117	375/375/117	375/375/117	375/375/117	375/375/117	375/375/117
Weight approx. [kg]	0.65	10	10	10	10	10	10
Grid connection	-	single-phase	single-phase	single-phase	single-phase	single-phase	single-phase
Topology	-	transformerless	transformerless	transformerless	transformerless	transformerless	transformerless
Number of MPP trackers	1	2	2	2	2	2	2
Number of DC inputs	1	1/1	1/1	1/1	1/1	1/1	1/1
DC connection	MC4	MC4	MC4	MC4	MC4	MC4	MC4
IP protection class	68	65	65	65	65	65	65
Interfaces	RS485, WiFi	RS485, WiFi	RS485, WiFi	RS485, WiFi	RS485, WiFi	RS485, WiFi	RS485, WiFi
Special feature	Optimisers	hybrid ¹⁾	hybrid ¹⁾	hybrid ¹⁾	hybrid ¹⁾	hybrid ¹⁾	hybrid ¹⁾

¹ Compatible with LG Chem RESU HV, 350 - 450 Volt, 10 A, RS485

Note

All data on this page is provisional and may change without notice!