



# Soleil DSPX TLH 1500Vdc

Soleil DSPX TLH 1500Vdc maintains the characteristics extensively tested on the Soleil DSPX series and through a new technology makes it suitable for indoor and outdoor installations keeping the feature of the Master&Slave function.

It meets the latest standards concerning the generation of active and reactive power, equipped with LVFRT and OVFT functions, and acquisition of remote commands coming from the local grid operator through a very simple configuration.

- For utility scale plants
- Harmonic distortion THDI <3%
- Reactive power generation at night-time
- Equipped with monitoring grounding kit



- High reliability: MTBF > more than 100.000 hours
- Max efficiency up to 99,67%
- Euro efficiency up to 99,39%
- Efficiency certified by independent Laboratory



# Technical Data

Model	TIER 1 1100M	TIER 2 1330M	TIER 3 1415M	TIER 4 1528M
INPUT PARAMETERS				
Max power PV modules (kWp)	1395	1686	1794	2028
Number of power cores	2	2	2	2
Min/max MPPT voltage (V)	800-1400	900-1400	950-1400	1020-1400
-10 ° C Max input voltage (Voc)	1500			
Q-Night Option	On reavest			
Master & Slave	Yes			
No. DC inputs	24			

OUTPUT PARAMETERS				
Nominal Power (kVA) 50 °C	1100	1330	1415	1528
Nominal voltage (V)	530	600	640	640
Max efficiency (%)	99,45	99,52	99,55	99,67
Euro efficiency (%)	99,21	99,31	99,32	99,39
Static MPPT efficiency (%)	99,8	99,8	99,8	99,8
Dinamic MPPT efficiency (%)	98,78	98,78	98,78	98,78
Power factor	0.9 ... 1.0 Leading - Lagging			

GENERAL FEATURES	
Operative temperature (°C)	-20/ +51 ( without derating)
Operating humidity range (%)	5 / 95 without condensation
Overvoltage class DC	Class II
Overvoltage class AC	Class III
Dimensions (WxDxH) mm	2000 x1000 x 2000
Standards	CE - LVD -2004/108/EC - 2006/95/EC - EN62109-1/2 - EMC - EN61000-6-2/6-3/6-4 - Regio Decreto Espana - CEI 0-16 Allegato A70 di Terna - AEEG 243/2013 - G59 Issue 2 – Rules grid Romanian 30/2013 – 74/2013 Norma Tecnica de Seguridad De calidad de Servicio (NTSCS-Chile) – BDEW- AS4777 - Código redes fotovoltaico ASEP - DEWA others on request

\*In the interests of product improvement SIEL reserves the right to change specifications without notice



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