



LSMi

600/800-MS

- Max. MPPT efficiency **99.9%+**
- Wide temperature tolerance **-40°C ~ 65°C**
- Low maintenance requirement
- Easy to install, simple connection
- Natural cooling design
- High frequency isolated



* All pictures shown are for reference only, actual appearance may vary.

LINK YOUR SUSTAINABLE LIFE

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DATASHEET

Models	LSMI-600MS	LSMI-800MS
PV INPUT DATA		
Recommended power of PV modules[W]	320-450 (2 Piece)	360-550 (2 Piece)
Max.input voltage[V]		60
Start up voltage[V]		16
MPPT voltage range[V]		25-55
Max. input current[A]	15/15	15/15
Max. short current[A]	20/20	20/20
AC OUTPUT/INPUT (GRID)		
Nominal AC power[W]	600	800
Nominal grid voltage[V]		220/230/240
Nominal grid frequency[Hz]		50/60
Max. AC output current[A]	2.7	3.6
Max.units per branch	7	5
Displacement power factor		> 0.99
Total harmonic distortion(THDi, Nominal power)		<3%
Grid connection		L/N/PE
EFFICIENCY		
MPPT efficiency[%]		>99.9%
Max. efficiency[%]	96.50%	96.50%
GENERAL DATA		
Dimensions(W*H*D)[mm]		230*190*46.5 (Not include handle)
Weight[Kg]		3.5
Noise emission[dB]		<20
User Interface		LED
DC connection type for PV		MC4
Battery connection type		Dedicated DC connector
AC connection type		Dedicated AC connector
Communication interface		WiFi
Cooling method		Natural
Operating ambient temperature range[°C]		-40~+65
Allowable relative humidity range[%]		0~100
Max. operating altitude[m]		3000 (>3000 derating)
Degree of protection		IP67
Climatic category (IEC 60721-3-4)		4K4H
Topology		High frequency isolated
Power consumption at night[W]		< 50mW
GENERAL DATA		
Safety&EMC		IEC62109-1&2, IEC61727, EN 61000-6-1&2&3

* All specifications are subject to change without notice.

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* Please visit Linsum website for the latest certificates.