

Datasheet	LT 5000HD	LT 6000HD	LT 8000HD	LT 10000HD
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INPUT DATA (DC)

Max. DC power	6000W	7000W	9000W	11000W
Max. DC voltage	600Vdc	600Vdc	600Vdc	600Vdc
Rated DC voltage	380 Vdc	380 Vdc	380 Vdc	380 Vdc
MPPT operating voltage range	150-420 Vdc	150-420 Vdc	150-420 Vdc	150-420 Vdc
MPPT full load voltage range	200-420 Vdc	200-420 Vdc	200-420 Vdc	200-420 Vdc
Input channels	A-2/B-2	A-2/B-2	A-3/B-3	A-3/B-3
MPPT tracking number	2	2	2	2
Max. input current	15A/15A	15A/15A	30A/30A	30A/30A
DC connection type	MC4 terminal	MC4 terminal	MC4terminal	MC4 terminal

OUTPUT (AC)

Max.output apparent power	5000VA	6000VA	8000VA	10000VA
Rated output power	5000W	6000W	8000W	10000W
Rated grid voltage	3/N/PE-127/220V	3/N/PE-127/220V	3/N/PE-127/220V	3/N/PE-127/220V
Grid voltage range per phase	120V-140V/207V-242V	120V-140V/207V-242V	120V-140V/207V-242V	120V-140V/207V-242V
Rated power grid frequency	50 Hz/60Hz	50Hz/60Hz	50Hz/60Hz	50 Hz/60Hz
Grid frequency range	45-55Hz/55-65Hz	45-55Hz/55-65Hz	45-55Hz/55-65Hz	45-55Hz/55-65Hz
Max. output current	13.8A per phase	16.7A per phase	22.2A per phase	27.8A per phase
Power factor (cosφ)	0.8i...i...0.8c	0.8i...i...0.8c	0.8i...i...0.8c	0.8i...i...0.8c
Current harmonics (THDI)	<3%(under Rated output power)	<3%(under Rated output power)	<3%(under Rated output power)	<3%(under Rated output power)
AC output terminal connection type	plug and play terminal	plug and play terminal	plug and play terminal	plug and play terminal

EFFICIENCY

Max. efficiency	98.2%	98.2%	98.5%	98.5%
EU efficiency	97.8%	97.8%	98.2%	98.2%
MPPT efficiency	99.8%	99.8%	99.8%	99.8%

PROTECTION DEVICES

IW / D / HI size	400x480x250 mm	540x680x265 mm
N W	25Kg	40KG
Install way	Wall hanging fixed	
Operating temperature range	-25 °C ~ +60 °C	
Max. altitude	2000m	
Relative temperature	0%-98% No condensation	
Noise	≤30dB(A)	
Night consumption	0 W	
Electrical isolation	Transformerless	
Cooling mode	Air natural convection	
Overall protection level	IP65	
Communication interface	USB/WIFI/RS-485	