

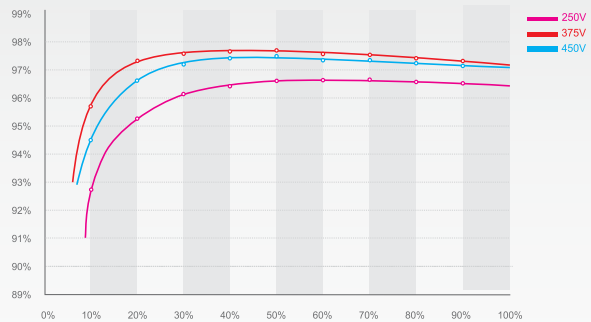


3600MTL-US / 4200MTL-US / 5000MTL-US

Leading - Edge Technology

- Maximum efficiency of 97.5%
- Wide input voltage range
- Internal DC switch
- Transformerless GT topology
- Compact design
- MTL - string
- Ethernet / RF technology / WiFi
- Comprehensive Solar Leading warranty program
- Sound control
- Easy installation

5000MTL-US efficiency



Certificates

TUV, SAA, CE, CQC, AS4777.2/3, AS/NZS 3100, VDE 0126-1-1, EN62109-1/2, G83, G59, CNCA/CTS0004-2009A, CNCA/CTS0006-2010, EN61000-6-1/2/3/4, EN62109-1/2, RD1663, C10-1

Technical data

Model	3600MTL-US	4200MTL-US	5000MTL-US
Input (DC Side)			
Max. DC input power (W)	3800	4400	5200
Max. DC voltage (Vdc)	600	600	600
Start voltage (Vdc)	150	150	150
DC nominal voltage	360V	360V	360V
PV voltage range	100V-600V	100V-600V	100V-600V
MPPT voltage range	120V-550V	120V-550V	120V-550V
Number of MPP tracker/ strings per MPP tracker	2 / 2	2 / 2	2 / 2
Max. input current of tracker	12A	12A	12A
Output (AC)			
Rated AC output power (W)	3600	4200	4600@208V; 5000@240V/277V
AC nominal voltage range	Default: 240V single phase, optional: 208V single phase, 277V single phase, 240V split phase 183-228@208V, 211-264@240V, 244-305@277V		
Max. output current	18A / 17.1A / 14.8A	21A / 20A / 17.2A	23.7A / 22A / 20.5A
AC grid frequency range	60HZ; 59.3~60.5Hz		
Power factor	1		
THDI	<3%		
AC connection	Single phase		
Efficiency			
Max. efficiency	97.5%	97.5%	97.5%
Euro efficiency	97%	97%	97%
MPPT efficiency	99.5%	99.5%	99.5%
General Data			
Dimensions (W / H / D)	575*455*160 mm		
Weight	22kg		22.5kg
Operating temperature range	-25 C ~ +60 C		
Noise emission (typical)	≤25dB(A)		
Self-consumption(night)	< 0.5W		
Topology	HF transformerless		
Cooling concept	Natural		
Enclosure	Type 3R		
Altitude	2000m without derating		
Relative Humidity	0~100%		
Features			
DC connection	H4 / MC4(opt)		
AC connection	Screw terminal		
Display	LCD		
Ethernet/RF/WiFi Interfaces: RS232/RS485/	yes / yes / opt / opt / opt		