



4000UE / 5000UE / 6000UE

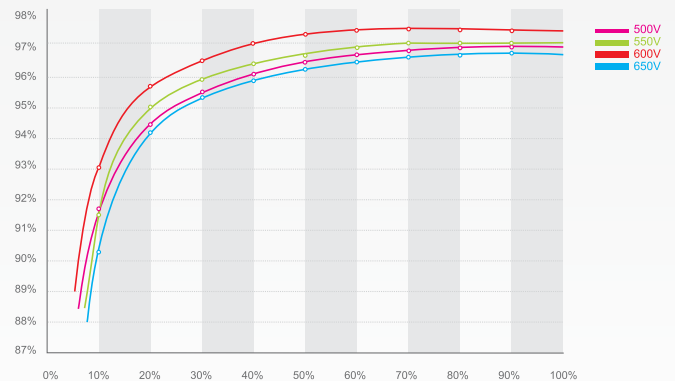
## Leading - Edge Technology

- Maximum efficiency of 97.5%
- DC input voltage up to 800V
- Internal DC switch
- Transformerless
- Compact design
- MTL MPP controller
- Ethernet / RF technology / WiFi
- Comprehensive Solar Leading warranty programi
- Sound control
- Easy installation

## Europe/Australia ENS

- Simple national setting of line supply monitoring(ENS)
- Easy country configuration
- Multi - language display
- Currently available for Germany, Austria, France, Switzerland, UK, Italy and Spain etc.

6000UE 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, C10-11

## Technical data

Model	4000UE	5000UE	6000UE
<b>Input (DC Side)</b>			
Max. DC input power (W)	4200	5200	6300
Max. DC voltage (Vdc)	800	800	800
Start voltage (Vdc)	150	150	150
DC nominal voltage	140V-800V	140V-800V	140V-800V
PV voltage range	200V-800V/580V	200V-800V/580V	200V-800V/580V
MPPT voltage range	250V-550V	250V-550V	250V-550V
Number of MPP tracker/ strings per MPP tracker	2 / 1	2 / 1	2 / 1
Max. input current of tracker	9A / 9A	9A / 9A	9A / 9A
<b>Output (AC)</b>			
Rated AC output power (W)	4000	5000	6000
Max. AC apparent power(VA)	4000	5000	6000
Max. output current	6.4A	7.9A	9.3A
AC nominal voltage range	230V/400V;184-275V		
AC grid frequency range	50-60HZ; 44-55Hz/54-65Hz		
Power factor	1		
Displacement power factor configurable	0.9 leading-0.9lagging		
THDI	<3%		
AC connection	3/N/PE, 3W+PE(Opt)		
<b>Efficiency</b>			
Max. efficiency	97%	97.4%	97.5%
Euro efficiency	95.1%	96.3%	96.5%
MPPT efficiency	99.5%	99.5%	99.5%
<b>General Data</b>			
Diemensions (W / H / D)	433*566*195 mm		
Weight	30kg	31.1kg	31.1kg
Operating temperature range	-25 C ~ +60 C		
Noise emission (typical)	≤35dB(A)		
Self-consumption(night)	< 0.5W		
Topology	Transformerless		
Cooling concept	Natural		
Enviromental protection rating	IP 65		
Altitude	2000m without derating		
Relative Humidity	0~100%		
<b>Features</b>			
DC connection	H4 / MC4(opt)		
AC connection	Screw terminal		
Display	LCD		
Ethernet/RF/WiFi Interfaces: RS232/RS485/	yes / yes / opt / opt / opt		