

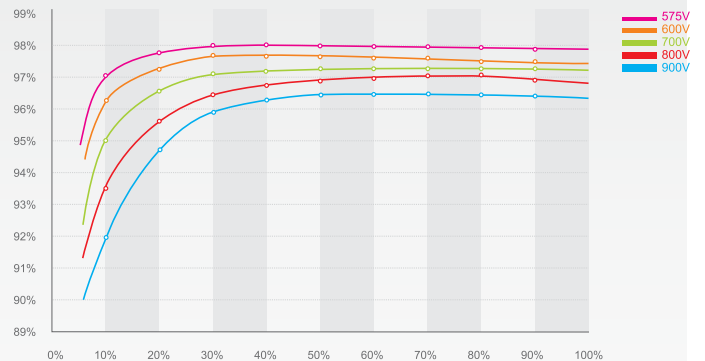


7000UE / 8000UE / 9000UE

Leading - Edge Technology

- Maximum efficiency of 98%
- DC input voltage up to 1000V
- Internal DC switch
- Transformerless
- Compact design
- MTL-string
- MTL MPP controller
- Ethernet / RF technology / WiFi
- Comprehensive Solar Leading warranty program
- Sound control
- Easy installation

9000UE 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	7000UE	8000UE	9000UE
Input (DC Side)			
Max. DC input power (W)	7700	8800	9900
Max. DC voltage (Vdc)	1000	1000	1000
Start voltage (Vdc)	350	350	350
DC nominal voltage	180V-1000V	180V-1000V	180V-1000V
PV voltage range	300V-1000V/600V	300V-1000V/600V	300V-1000V/600V
MPPT voltage range	250V-550V	250V-550V	250V-550V
Number of MPP tracker/ strings per MPP tracker	2 / 2	2 / 2	2 / 2
Max. input current	15A / 15A	15A / 15A	15A / 15A
Output (AC)			
Rated AC output power (W)	7000	8000	9000
Max. AC apparent power(VA)	7000	8000	9000
Max. output current	11.7A	13.3A	15A
AC nominal voltage range	184-275V		
AC grid frequency range	50-60HZ; 44-55Hz/54-65Hz		
Power factor	1		
Displacement power factor configurable	0.8 leading-0.8 lagging		
THDI	<3%		
AC connection	3/N/PE, 3W+PE(Opt)		
Efficiency			
Max. efficiency	98%	98%	98%
Euro efficiency	97%	97.2%	97.5%
MPPT efficiency	99.5%	99.5%	99.5%
General Data			
Diemensions (W / H / D)	490*740*235 mm		
Weight	41kg	41kg	41kg
Operating temperature range	-25 C ~ +60 C		
Noise emission (typical)	≤55dB(A)		
Self-consumption(night)	< 0.5W		
Topology	Transformerless		
Cooling concept	Natural		
Enviromental protection rating	IP 65		
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		