


	Solplanet	Solplanet	Solplanet
Product name	ASW 40K- LT G2	ASW 40K-LT G2 Pro	ASW40K LT-G3
<b>Efficiency &amp; Protection</b>			
Max. Efficiency	98.6%	98.6%	98.6%
European Efficiency	98.3%	98.3%	98.2%
DC/AC ratio	150%	150%	150%
Shadow management	Yes	Yes	Yes
AFCI	No	Yes	Yes
<b>Input (DC)</b>			
Max PV Power	60000 W	60000 W	60000 W
Max. Input Voltage	1100 V	1100 V	1100 V
Max. Current per MPPT	26 A	32 A	40 A
Start Voltage	250 V	250 V	250 V
Max. Short Circuit Current per MPPT	40A	48 A	60 A
MPP voltage range / rated input voltage	200 V - 1000 V/630 V	200 V - 1000 V / 620 V	180 V - 1000 V / 630 V
Number of Inputs	4	4	3
Number of MPP Trackers	2	2	2
<b>Output (AC)</b>			
Rated AC Active Power	40000 W	40000 W	40000 W
Max. AC Apparent Power	40000 VA	40000 VA	44000 VA
Rated Output Voltage	220 V / 380 V 230 V / 400 V	220 V / 380 V 230 V / 400 V	220 V / 380 V 230 V / 400 V 240 V / 415 V
Rated AC Grid Frequency	50-60 (±5) HZ	50-60 (±5) HZ	50-60 (±5) HZ
Max. Output Current	66.7 A	66.7 A	63.8
Adjustable Power Factor Range	-0.8 ~ 0.8	-0.8 ~ 0.8	-0.8 ~ 0.8
Max. Total Harmonic Distortion	< 3%	< 3%	< 3%
<b>General data</b>			
Display	LED indicators	LED	LED
Communication	WiFi / 4G / RS485	WiFi / 4G / RS485	WiFi / 4G / RS485
Dimensions (W x H x D)	670 x 580 x 270	670 x 580 x 270	543 x 463 x 225
Weight	42.5 kg	42.5 kg	30 kg
DC Connector	Phoenix Contact	Phoenix Contact	Phoenix Contact
Operating Temperature Range	-25 ~ +60	-25 ~ +60	-25 ~ +60
Cooling Method	Active Cooling	Active Cooling	Active Cooling
Relative Humidity	100%	100%	100%
Protection Degree	IP66	IP66	IP66

Self-consumption	< 1 W	< 1 W	< 1 W
APP	Solplanet	Solplanet	Solplanet
Cloud	AisweiCloud.com	AisweiCloud.com	AisweiCloud.com
Picture			

### Supplementary explanation

1. For most performance parameters, all series are similar but...
2. ASW LT-G3 have an increased DC current input (G2 – 32 A, G2 Pro – 40 A), thanks to which they are adapted to the latest generation of large solar panels.
3. ASW LT G2 Pro and LT-G3 series are with AFCI.
4. ASW LT G3 has wider MPPT voltage range
5. ASW LT-G3 has fewer MPPT inputs
6. 150% DC/AC ratio in all series
7. For shape and weight, Solplanet ASW LT-G3 is substantially lighter than G2 and G2 Pro series, also its dimensions are smaller.
8. For quality, Solplanet purchase and apply high quality components in the product. The introduction of several production lines at the same time is aimed at ensuring the availability of products. Each series is made in cooperation with other component suppliers in order to minimize the risk of their lack (diversification).