

Product name ASW 40K-LT G2 ASW 40K-LT G2 Protection ASW 40K-LT G2 Protection <th></th> <th>Solplanet</th> <th>Solplanet</th> <th>Solplanet</th>		Solplanet	Solplanet	Solplanet		
Max. Efficiency 98.6% 98.6% 98.6% 98.6% 98.6% 98.6% 98.6% 98.6% 98.6% 98.6% 98.2% DC/AC ratio 150% 150% 150% 150% 150% Shadow management Yes Yes Yes Yes Yes Yes Tunpt (DC)	Product name	· ·	-	·		
Max. Efficiency 98.6% 98.6% 98.6% European Efficiency 98.3% 98.2% 98.2% DC/AC ratio 150% 150% 150% Shadow management Yes Yes Yes Input (DC) 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 180 V - 1000 V /630 V 180 V - 1000 V /630 V Number of IMPP Trackers 2 2 2 2 Output (AC) 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 Max. Output Current <td>1 Toddot Harric</td> <td>t</td> <td></td> <td>AOVITOR E1-00</td>	1 Toddot Harric	t		AOVITOR E1-00		
European Efficiency						
DC/AC ratio 150% 150% 150% Shadow management Yes Yes Yes AFCI No Yes Yes Input (DC) 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 40 A 48 A 60 A 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 MPP Trackers 2 2 2 2 Output (AC) 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 220 V / 380 V 230 V / 400 V Rated AC Grid Frequency 50-60 (±5) HZ 50-60 (±5) HZ </td <td>,</td> <td></td> <td></td> <td></td>	,					
Shadow management						
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Number of Inputs 4		40A	48 A	60 A		
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Number of MPP Trackers	Number of Inputs	4	4	3		
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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%		50-60 (±5) HZ	50-60 (±5) HZ	50-60 (±5) HZ		
Adjustable Power Factor Range -0.8 ~ 0.8 -0.8 ~ 0.8 -0.8 ~ 0.8 Max. Total Harmonic Distortion < 3%		66.7 A	66.7 A	63.8		
Max. Total Harmonic Distortion < 3% < 3% < 3% General data 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 270 543 x 463 x 225 Weight 42.5 kg 30 kg DC Connector Phoenix Contact Phoenix Contact Operating Temperature Range -25 ~ +60 -25 ~ +60 Cooling Method Active Cooling Active Cooling Relative Humidity 100% 100%	Adjustable Power	-0.8 ~ 0.8	-0.8 ~ 0.8	-0.8 ~ 0.8		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Max. Total Harmonic	< 3%	< 3%	< 3%		
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	General data					
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Display	T		LED		
Dimensions (W x H x D) $670 \times 580 \times 270$ $670 \times 580 \times 270$ $543 \times 463 \times 225$ Weight 42.5 kg 42.5 kg 30 kg DC ConnectorPhoenix ContactPhoenix ContactPhoenix ContactOperating Temperature Range $-25 \sim +60$ $-25 \sim +60$ $-25 \sim +60$ Cooling MethodActive CoolingActive CoolingActive CoolingRelative Humidity 100% 100% 100%	' '		WiFi / 4G / RS485	WiFi / 4G / RS485		
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DC ConnectorPhoenix ContactPhoenix ContactPhoenix ContactOperating Temperature Range $-25 \sim +60$ $-25 \sim +60$ $-25 \sim +60$ Cooling MethodActive CoolingActive CoolingActive CoolingRelative Humidity 100% 100% 100%	,	42.5 kg	42.5 kg	30 kg		
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Relative Humidity 100% 100% 100%		Active Cooling	Active Cooling	Active Coolina		
		 	+			
	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	◆ Stipomet	→ Stigatone	

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 it 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).