

# Smart Energy Manager

- System self-consumption monitoring
- Export limitation for commercial projects
- Support online monitoring and online service
- Flexible CTs for different project size
- RS485 and Ethernet connection



P O W E R  
- I N G O  
T O M O -  
R R O W O

**GROWATT**

[www.ginverter.com](http://www.ginverter.com)

Datasheet	Smart Energy Manager				
System Size	100kW	300kW	600kW	1MW	2MW
<b>Meter data</b>					
Normal voltage	230/400Vac				
Voltage range(L-L)	180-540Vac				
Grid connection	3W+N+PE				
Normal frequency	50/60 Hz				
Frequency range	45–55Hz/55-65 Hz				
<b>CT data</b>					
Max. input current (CT second side)	5A				
Max.current ( CT detection)	250A	600A	1200A	2000A	4000A
Accuracy ( @ rated CT current)	0.5	0.5	0.5	0.5	0.2
<b>Communication</b>					
RS485	Yes				
Ethernet	Yes				
Max.inverter number	32				
Communication distance	Rs485: 500m Internet cable: 100m				
<b>General Data</b>					
Dimensions (W/H/D)	350/330/107mm				
Weight	6kg				
Operation temperature range	–25°C ... +60°C				
Cooling concept	Natural Cooling				
Environmental Protection Rating	IP65				
Relative humidity	0~100%				
Altitude	2000m				
CE					

# SOLSOL

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