

# THOR 22AS-SNO

- Fully dynamic charging for 1-phase/3-phase and TN/IT grid type
- Support 1-phase force charge and warm-up EV function
- Integration in existing & new-installed PV system
- Charge EV with 100% renewable energy by surplus solar power
- Compatible with all branded EV



**GROWATT**

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Model	THOR 22AS-SNO (WIFI/4G)	
<b>Input &amp; Output</b>		
Max.output power	TN/IT,1-Phase,3.7KW IT,3-Phase,6.35KW TN,3-Phase,11KW	TN/IT,1-Phase,7.4KW IT,3-Phase,12.7KW TN,3-Phase,22KW
Max.output current	16A	32A
Input voltage	TN: 400V AC IT: 230V AC	
Input frequency	50/60Hz	
Output voltage	TN: 400V AC IT: 230V AC	
Charging interface type	IEC 62196-2, Type 2	
Connection	Socket	
<b>Protection</b>		
Over voltage protection	Yes	
Under voltage protection	Yes	
Over load protection	Yes	
Earth leakage protection	Yes	
Over-temp protection	Yes	
Lightning protection	Yes	
<b>Function&amp;Accessory</b>		
Ethernet/WIFI/4G	Yes/Yes/Opt	
MID Meter	Opt	
LCD	Yes	
RCD	6mA DC Fault current protection	
Charging Mode	*APP/RFID(Opt) Plug and charge"	
LED Indicator Light	Yes	
Emergency stop button	Yes	
Intelligent power adjustment	Opt	
Multiple workmodes	Fast/ PV Linkage/ Off-peak/ Load balancing	
Multiple functions	1-phase force charge / warm-up	
<b>Working Environment</b>		
Protection degree	IP65	
Operating temperature	-25°C~50°C	
Relative humidity	5-95% non-condensing	
Maxmum altitude	<2000m	
Cooling	Natural air cooling	
Standby power consumption	<8W	
<b>Mechanical</b>		
Dimension(W/H/D)	240/380/164mm	
Weight	<7Kg	
<b>Mounting Accessories</b>		
Wallmounting bracket Ground-mounting pole	Yes/Opt	
<b>Certificate</b>	CE (LVD&EMC, EN 61851-1, EN61851-22, EN61000-6-3, EN61000-6-1), IEC62196	