

# Growatt Smart EV Charger

THOR 03AS-S, THOR 07AS-S/P (Single Phase)

- Compatible with all branded EV
- Integration in existing & new-installed PV system
- Charge EV with 100% renewable energy by surplus solar power
- APP smart control & smart scheduling
- IP65 design for indoor or outdoor use



**G**ROWATT

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

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

Datasheet*	THOR 03AS-S (WIFI/4G)	THOR 07AS-P (WIFI/4G)	THOR 07AS-S (WIFI/4G)
<b>Input &amp; Output</b>			
Input voltage		230V AC	
Input frequency		50Hz	
Output voltage		230V AC	
Max. output power	3.6KW	7KW	7KW
Max. output current	16A	32A	32A
Charging interface type		IEC 62196-2, Type 2	
Connection	Socket	Plug	Socket
Cable Length	/	5m	/
<b>Protection</b>			
Over voltage protection		Yes	
Under voltage protection		Yes	
Over load protection		Yes	
Short circuit protection		Yes	
Earth leakage protection		Yes	
Over-temp protection		Yes	
Lightning protection		Yes	
<b>Function and Accessory</b>			
Ethernet		Yes	
LCD		No	
RCD		Type A + 6mA DC fault current protection (Equivalent to Type B)	
Charge activation	APP	APP/RFID(opt)	APP/RFID(opt)
LED Indicator light		Yes	
Emergency stop button		Yes	
Multiple workmodes		Fast/ PV Linkage/ Off-peak/ Load balancing	
<b>General</b>			
Protection degree		IP65	
Environment temperature		-20°C ~ +65°C	
Relative humidity		5-95% non-condensing	
Maximum altitude		<2000m	
Cooling		Natural cooling	
Standby power consumption		<8W	
Dimension (W/H/D)		240/380/164mm	
Weight	7kg	9.5kg	7kg
Wall-mounting bracket/ Ground-mounting pole		Yes/Opt	
CE (LVD&EMC, EN 61851-1, EN61851-22, EN61000-6-3, EN61000-6-1), IEC62196			

\* Each model has 4G or WIFI version for flexible communication.