

# GROWATT THOR Smart EV Charger

THOR 03AS-S-V1, THOR 07AS-S/P-V1 (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



**GROWATT**

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P O W E R  
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T O M O -  
R R O W O

Datasheet	THOR 03AS-S	THOR 07AS-P	THOR 07AS-S
<b>Input &amp; Output</b>			
Input voltage		230V AC	
Input frequency		50/60Hz	
Output voltage		230VAC	
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		6mA DC fault current protection	
Over-temp protection		Yes	
Lightning protection		Yes	
<b>Function and Accessory</b>			
Ethernet/WIFI/4G		Yes/Yes/Opt	
LCD		No	
RCD		6mA DC fault current protection	
Charge activation	APP/Plug&Charge	APP/Plug&Charge/RFID	APP/Plug&Charge/RFID
LED Indicator light		Yes	
Emergency stop button		Yes	
Multiple workmodes		Fast/ PV Linkage/ Off-peak/ Load balancing	
Communication Protocol		OCPP 1.6	
MID meter		Opt	
Installation		Floor/wall-mounting	
<b>General</b>			
Protection degree		IP65	
Environment temperature		-25°C ~ +50°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			