

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



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Datasheet	THOR 03AS-S		THOR 07AS-P		THOR 07AS-S	
Input & Output						
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		/		
Protection						
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					
Function and Accessory						
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					
General						
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						