

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



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Datasheet*	THOR 03AS-P (WIFI/4G)	THOR 07AS-P (WIFI/4G)	THOR 07AS-S (WIFI/4G)
Input & Output			
Input voltage	230V AC		
Input frequency	50Hz		
Output voltage	230V AC		
Max. output power	3.6KW	7.3KW	7.3KW
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	Yes		
Over-temp protection	Yes		
Lightning protection	Yes		
Function and Accessory			
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		
General			
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.