

GROWATT THOR SMART EV CHARGER

THOR 07AS-P-EW1, THOR 11AS-P-EW1, THOR 22AS-P-EW1

- 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

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

en.growatt.com

Datasheet	THOR 07AS-P-EW1	THOR 11AS-P-EW1	THOR 22AS-P-EW1
Input & output			
Input voltage	230V AC	400V AC	
Input frequency	50/60Hz		
Output voltage	230V AC	400V AC	
Max. output power	7kW	11kW	22kW
Max. output current	32kW	16A	32A
Charging interface type	IEC 62196-2, Type 2		
Connection	Plug		
Cable length	5m		
Protection			
Over voltage protection	Yes		
Under voltage protection	Yes		
Over load protection	Yes		
Earth leakage protection	AC 30mA + DC 6mA		
Over-temp protection	Yes		
Lightning protection	Yes		
Function and Accessory			
Ethernet/WIFI/4G	Yes/Yes/Opt		
LCD	Segment LCD		
Charge activation	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 / OCPP 2.1 (coming soon)		
Installation	Floor/wall-mounting		
General			
Protection degree	Ip65		
Environment temperature	-30°C ~ +50°C		
Relative humidity	5-95% non-condensing		
Maximum altitude	<3000m		
Cooling	Natural cooling		
Dimension (W/H/D)	220/405/95mm		
Weight	4.35kg	5.63kg	
Wall-mounting bracket/ Ground-mounting pole	Yes/Opt		
Warranty	3 years		
CE EMC, CE RED, CE LVD, REACH, RoHS, EN18031-1, ISO 15118-4/-5			