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



POWER-ING TOMORROW

GROWATT

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	32A	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	
Installation		Floor/wall-mounting	
General			
Protection degree		IP65	
Environment temperature		-30℃ ~ +50℃	
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	
Application（Public/Private）		Private	
CE EMC, CE RED, CE LVD, REACH, RoHS, EN18031-1, ISO 15118-4/-5			

SHENZHEN GROWATT NEW ENERGY CO.,LTD.
T: + 86 755 2747 1900 F: + 86 755 2749 1460
A: 4-13/F,Building A,Sino-German(Europe)Industrial Park,Hangcheng Ave,Bao'an District,Shenzhen,China
E: info@ginverter.com