

# GROWATT THOR Smart EV Charger

THOR 11AS-SE/PE-V1, THOR 22AS-SE/PE-V1 (Three 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**

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

Datasheet	THOR 11AS-PE	THOR 11AS-SE	THOR 22AS-PE	THOR 22AS-SE
<b>Input &amp; Output</b>				
Input voltage		400V AC		
Input frequency		50/60Hz		
Output voltage		400V AC		
Max. output power	11KW		22KW	
Max. output current	16A		32A	
Charging interface type	IEC 62196-2, Type 2			
Connection	Plug	Socket	Plug	Socket
Cable Length	5m	/	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		Yes		
RCD		6mA DC fault current protection		
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		
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	12.5kg	10kg	12.5kg	10kg
Wall-mounting bracket/ Ground-mounting pole	Yes/Opt			
UKCA, CE (LVD&EMC, EN 61851-1, EN61851-22, EN61000-6-3, EN61000-6-1), IEC62196				