

GROWATT THOR Smart EV Charger

THOR 11AS-S/P-V1, THOR 22AS-S/P-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
- I N G O
T O M O -
R R O W O

Datasheet	THOR 11AS-P-V1	THOR 11AS-S-V1	THOR 22AS-P-V1	THOR 22AS-S-V1
Input & Output				
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	/
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		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			
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	12.5kg	10kg	12.5kg	10kg
Wall-mounting bracket/ Ground-mounting pole	Yes/Opt			
CE (LVD&EMC, EN 61851-1, EN 61851-22, EN 61000-6-3, EN 61000-6-1), IEC 62196				