

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



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Datasheet	THOR 11AS-P		THOR 11AS-S		THOR 22AS-P		THOR 22AS-S	
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, EN61851-22, EN61000-6-3, EN61000-6-1), IEC62196								

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