Growatt Smart EV Charger

THOR 11AS-S/P, THOR 22AS-S/P (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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POWER-ING TOMORROW

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Datasheet*	THOR 11AS-P (WIFI/4G)	THOR 11AS-S (WIFI/4G)	THOR 22AS-P (WIFI/4G)	THOR 22AS-S (WIFI/4G)
Input & Output				
Input voltage	400V AC			
Input frequency	50Hz			
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	Yes			
Over-temp protection	Yes			
Lightning protection	Yes			
Function and Accessory				
Ethernet	Yes			
LCD	Yes			
RCD	Type A + 6mA DC fault current protection (Equivalent to Type B)			
Charge activation	APP/RFID			
LED Indicator light	Yes			
Emergency stop button	Yes			
Multiple workmodes	Fast/ PV Linkage/ Off-peak/ Load balancing			
General				
Protection degree	IP65			
Environment temperature	-20°C ~ +65°C			
Relative humidity	5-95% non-condensing			
Maximum altitude	<2000m			
Cooling	Natural cooling			
Standby power consumption	<8W			
Dimension (W/H/D)	295/466/189mm			
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				

* Each model has 4G or WIFI version for flexible communication.

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