

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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P O W E R
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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 | | | | |