

# THOR EV Charger - US

THOR 07/09/1 2AS-P US (Single 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 07AS-P US (WIFI / WIFI+4G)	THOR 09AS-P US (WIFI / WIFI+4G)	THOR 12AS-P US (WIFI / WIFI+4G)
<b>Input &amp; Output</b>			
Max. output power	7kW	9.6kW	12kW
Max. output power	32A	40A	50A
Input voltage	240V		
Input frequency	50/60Hz		
Output voltage	240V		
Charging interface type	Type 1		
Connection	Plug		
Cable Length	7m		
Number of connection	1		
<b>Protection</b>			
Over voltage protection	Yes		
Under voltage protection	Yes		
Over load protection	Yes		
Short circuit protection	Yes		
Earth leakage protection	DC residual current protection		
Over-temp protection	Yes		
Lightning protection	Yes		
<b>Function and Accessory</b>			
Ethernet	Yes		
LCD	Opt		
LED Indicator light	Yes		
Charge activation	APP/RFID/Plug&Play		
Emergency stop button	Start/Stop Button(Compatible)		
Multiple workmodes	Fast/ PV Linkage/ Off-peak/ Load balancing		
<b>Working Environment</b>			
Protection degree	IP65		
Operating temperature	-30°C ~ +50°C		
Relative humidity	5-95% non-condensing		
Maximum altitude	<2000m		
Cooling	Forced air cooling		
Standby power consumption	<8W		
<b>Mechanical</b>			
Dimension (W/H/D)	246/382/154 mm 9.68/15.0/6.06 in		
Weight	<9.5kg/ 20.9lbs		
UL 2594, CSA-C 22.2, UL 2231-1, UL2231-2, UL1998, FCC Part15			