

THOR-20D Smart EV Charger

THOR-20DS-P (DC EV Charger)

- Compatible with all branded Evs
- 4.3" LCD screen for local monitoring
- APP smart control & smart scheduling
- IP54 design for indoor or outdoor use
- Smart load management



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Datasheet	THOR-20DS-P (WIFI)	THOR-20DS-P (4G)
Input & Output		
Input voltage	260~480V AC	
Rated input voltage	400V AC	
Frequency	50Hz/60Hz	
DC plug type	CCS Type 2	
Output voltage range	150~1000V DC	
Max. output power	20kW	
Max. output current	50A	
Voltage accuracy	< ±0,5%	
Current accuracy	≤ ±1%(at 20%~100% of rated power)	
Voltage-regulating accuracy	< ±0,5%	
Current-regulating accuracy	≤ ±1%	
Ripple coefficient	RMS: ≤ ±0,5%; Peak: ≤ ±1%	
Metering accuracy	0,5%	
Efficiency	≥94%	
Cable Length	5m	
Protection		
Over voltage protection	Yes	
Under AC voltage protection	Yes	
Over load protection	Yes	
Leakage current protection	Yes	
Overtemperature protection	Yes	
Lightning protection	Yes	
Function & Accessory		
Ethernet	Yes	
Display	4.3 inch LCD	
Indicator	Yes	
Charge activation	APP/RFID	
Emergency stop button	Start/Stop Button(Compatible)	
Working Environment		
Protection degree	IP54	
Operating temperature	-25°C~+50°C	
Relative humidity	5%-95% non-condensing	
Maximum altitude	2000m	
Cooling	Forced air cooling	
Standby power consumption	<25W	
Noise emission	≤65db	
Mechanical		
Dimension (W/H/D)	450/670/206mm	
Weight	36kg	
CE		