

THOR-40D Smart EV Charger

THOR-40DS-P, THOR-40DD-P (DC EV Charger)

- Compatible with all branded Evs
- 7" touch screen for local operation and monitoring.
- APP smart control & smart scheduling
- IP54 design for indoor or outdoor use
- Smart load management for multiple THOR chargers



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Datasheet	THOR-40DS-P (WIFI/4G)	THOR-40DD-P (WIFI/4G)
Input & Output		
Input voltage	260~530V AC	
Rated input voltage	400V AC	
Frequency	50Hz/60Hz	
DC plug type	CCS Type 2	2*CCS Type 2
Output voltage range	150~1000V DC	
Max. output power	40kW	
Max. output current	100A	
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	≥95.2%	
Cable Length	5m	
Protection		
Over voltage protection	Yes	
Under voltage protection	Yes	
Over load protection	Yes	
Overtemperature protection	Yes	
Lightning protection	Yes	
Function & Accessory		
Ethernet	Yes	
Display	7 inch touch screen	
Payment support	RFID	
Indicator	Yes	
Communication protocol	OCPP 1.6	
Charge activation	APP/RFID	
Emergency stop button	Start/Stop Button(Compatible)	
Working environment		
Protection degree	IP54	
Operating temperature	-20°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)	548/775/294mm	558/775/298mm
Weight	55kg	90kg
CE		