

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	150~750V DC	
Max. output power	40kW	
Max. output current	80A	
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	
Leakage current protection	Yes	
Overtemperature protection	Yes	
Short circuit protection	Yes	
Lightning protection	Yes	
Function & Accessory		
Ethernet	Yes	
Display	7 inch touch screen	
Payment support	RFID	
Indicator	Yes	
Charge activation	APP/RFID	
Emergency stop button	Start/Stop Button(Compatible)	
Multiple workmodes	Fast/ Off-peak/ Load balancing	
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		