

ATESS EVD-40S

ATESS EV AC DC Charging Station



LEADING - EDGE TECHNOLOGY

Wall-mounting type quick DC charger for public charging station, CCS type 2 plug

Features



Programmable charging mode



7" touch screen



Comprehensive protection



European Standard



Multiple communication modes



Flexible installation

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Datasheet

ATESS EVD-40S

Input & Output

Input voltage	260~530V AC
Rated input voltage	400V AC
Frequency	50Hz/60Hz
DC plug type	CCS Type 2
Output voltage range	150~750V DC
Max. output power	40kW
Max. output current	80A
Voltage accuracy	$\leq \pm 0.5\%$
Current accuracy	$\leq \pm 1\%$ (at 20%~100% of rated power)
Voltage-regulating accuracy	$\leq \pm 0.5\%$
Current-regulating accuracy	$\leq \pm 1\%$
Ripple coefficient	RMS: $\leq \pm 0.5\%$; Peak: $\leq \pm 1\%$
Metering accuracy	0.5%
Efficiency	$\geq 95.2\%$
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

Display	7 inch touch screen
Ethernet/WIFI/4G	Yes/Opt/Opt
Payment support	RFID/QR(standard)
Indicator	Yes
Emergency stop	Yes

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	$\leq 65\text{db}$

Mechanical

Dimension (W/H/D)	548/775/294mm
Weight	55KG

Certificate

Certificate	CE
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