

# EVD-40SU EVD-40DU

Large capacity fast DC EV charging station for public use,  
CCS Type 1 plug, US standard.



## Features



Programmable charging mode



7 inch touch screen



Comprehensive protection



US standard



Multiple communication modes



Flexible installation

Model	EVD-40SU	EVD-40DU
<b>Input &amp; Output</b>		
Rated input voltage	208/240/480 VAC	
Rated input current	110/102/51A	
AC input connection	L1/L2/L3/PE(Three phase, No Neutral)	
Rated frequency	60Hz	
DC connector type	SAE J1772 CCS1	
Output voltage Range	150-1000V	
Max.output power	37.6-40KW	
Max.output current	100A	Single output: 100A Double output: 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	Peak≤±1%	
Metering accuracy	0.50%	
Efficiency	>95%	
Power factor	98%	
Cable length	16ft(5m)	
<b>Protection</b>		
Over voltage protection	Yes	
Under voltage protection	Yes	
Over load protection	Yes	
Over-temp protection	Yes	
Lightning protection	Yes	
Emergency Protection	Yes	
<b>Function &amp; Accessory</b>		
Display	7 inch touch screen	
Ethernet/WIFI/4G	Yes/Yes/Opt	
Charging mode	APP/ RFID(Opt) /plug and charge	
Indicator	Yes	
OCCP	1.6JSON	
<b>Working Environment</b>		
Ingress Protection	NEMA 3R	
Operating temperature	-22°F ~+122°F	
Relative humidity	5-95% non-condensing	
Maximum altitude	6500ft(2000m)	
Cooling	Forced air	
Standby power consumption	<40W	
Noise emission	≤65db	
<b>Mechanical</b>		
Dimension (W/H/D)	632/858/300mm	
Weight	80kg	92kg
<b>Certificate</b>		
UL, CSA		