

EVD-40SU

EVD-40DU

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



Features

-  Programmable charging mode
-  Comprehensive protection
-  Multiple communication modes
-  7 inch touch screen
-  US standard
-  Flexible installation

Model	EVD-40SU		EVD-40DU	
Input & Output				
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	Class 0.5			
Efficiency	>95%			
Power factor	98%			
Cable length	16ft(5m)			
Protection				
Over voltage protection	Yes			
Under voltage protection	Yes			
Over load protection	Yes			
Over-temp protection	Yes			
Lightning protection	Yes			
Emergency Protection	Yes			
Function & Accessory				
Display	7 inch touch screen			
Ethernet/WIFI/4G	Yes/Yes/Opt			
Charging mode	APP/ RFID /plug and charge			
Indicator	Yes			
Installation	Floor/wall-mounting			
OCPP	1.6JSON			
Working Environment				
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			
Mechanical				
Dimension (W/H/D)	632/858/300mm			
Weight	80kg	92kg		
Certificate				
	UL, CSA			