








# Datasheet

## EVC-AC22S/DC60D EVC-AC44S/DC60D



Large capacity fast combo EV charging station for public use,  
single AC charging plug + dual DC charging plugs

### Features

-  **Programmable charging mode**
-  **7 inch touch screen**
-  **Comprehensive protection**
-  **EU and Jap standard**
-  **Multiple communication modes**
-  **AC&DC combo charger**
-  **3 output ports**

	EVC-AC22S/DC60D	EVC-AC44S/DC60D
<b>Input &amp; Output</b>		
Input voltage	330V~455V AC	330V~455V AC
Rated input voltage	400V AC	400V AC
Frequency	50/60Hz	50/60Hz
AC connection	IEC 62196-2, Type 2, Plug*1	IEC 62196-2, Type 2, Plug*1
AC output voltage	400V AC	400V AC
Max. AC output current	32A	63A
Max. AC output power	22kW	44kW
DC connection	CCS(default), CHAdeMO(opt), double plugs	CCS(default), CHAdeMO(opt), double plugs
DC output voltage	CCS(150-1000V), CHAdeMO(150-500V)	CCS(150-1000V), CHAdeMO(150-500V)
Max. DC output current	CCS 120A, CHAdeMO 125A	CCS 120A, CHAdeMO 125A
Max. DC output power	60kW	60kW
Voltage accuracy (DC)	<±0.5%	<±0.5%
Current accuracy (DC)	≤±1% (at 20%-100% of rated power)	≤±1% (at 20%-100% of rated power)
Ripple coefficient (DC)	RMS: ≤±0.5% Peak:≤±1%	RMS: ≤±0.5% Peak:≤±1%
Metering accuracy	0.5%	0.5%
Efficiency (DC)	≥95.2%	≥95.2%
Cable Length	5m	5m
<b>Protection</b>		
Over voltage protection	Yes	Yes
Under voltage protection	Yes	Yes
Over load protection	Yes	Yes
Short circuit protection	Yes	Yes
Earth leakage protection	Yes	Yes
Over-temp protection	Yes	Yes
Lightning protection	Yes	Yes
<b>Function &amp; Accessory</b>		
Display	7 inch touch screen	7 inch touch screen
Ethernet/WIFI/4G	Yes/Yes/Opt	Yes/Yes/Opt
Charging mode	APP/RFID/Plug and Charge	APP/RFID/Plug and Charge
Indicator	Yes	Yes
Emergency stop	Yes	Yes
<b>Working Environment</b>		
Protection degree	IP54	IP54
Operating temperature	-25°C ~+50°C	-25°C ~+50°C
Relative humidity	5%-95% non-condensing	5%-95% non-condensing
Maximum altitude	2000m	2000m
Cooling	Forced air cooling	Forced air cooling
Standby power consumption	<25W	<25W
Noise emission	≤65db	≤65db
<b>Mechanical</b>		
Dimension (W/H/D)	600/1883/743mm	600/1883/743mm
Weight	250kg	250kg
<b>Certificate</b>		
Certificate	CE	CE