

DELTRIX

charging solutions



DELTRIX SW Series DC Charger

The Deltrix SW Series DC charger is great for mounting in your garage, business, racing, or RV park. It is very useful to have as a backup charger for use on the race track, in a tow truck, in an SUV, trailer or anywhere you need power. This affordable 7-30 KW DC Charger is perfect to install for charging electric vehicle at maximum speed as well as many EV cars. Take on road trips through rural areas with RV or industrial areas being the main power sources for EV travellers. This unit will greatly speed up you or your customers charging.

Key Features

- Small size and light weight.
- 4.3-inch touchscreen display.
- Scan or swipe the card to charge – Optional.
- Support remote charging monitoring and control of mobile phones – Optional.
- IP54 protection rating, indoor and outdoor can be used.
- Wall Mounted or Floor Mounted on demand
- Cable length 5M (CHAdeMO) , 5M (CCS), 5M(GB/T) Customized acceptable
- Efficiency up to 95% at nominal output power
- Ethernet, Wi-Fi and 4G Module support platform - optional
- Back-office system integration with OCPP 1.6 on demand
- Easy to install and operate (with Lifting Handles)
- Full customization available (colour and logo)

Application Areas

- Public and Private Garages
- Commercial Buildings
- Hotels and Restaurants
- EV Dealerships
- Commercial fleet operators
- EV infrastructure operators and service providers

Technical Specifications

Model	7SW	15SW	20SW	30SW
AC Input				
Input Voltage	90-265Vac	260-475Vac	260-475Vac	260-475Vac
Input Connection	L + N + PE	3P + N + PE	3P + N + PE	3P + N + PE
Input Current	32A	30A	40A	50A
Frequency	50 / 60 Hz			
Power Factor	>0.99 @ Full load			
Full Load Efficiency	≥95%			
DC Output				
Output Voltage Range	200-750Vdc	200-750Vdc	200-750Vdc	200-750Vdc
Output Current (DC)	20A	25A/33A	33A/60A	50A/100A
Output Power	7KW	15KW	20KW	30KW
Output Protection	Overcharge Protection, Overheat Protection, Low-voltage Protection, Over Discharger Protection, Lightning Protection, Over-current Protection Short-circuit Protection			
Environmental				
Operating Temperature	-25°C - 50°C			
Humidity	5%-90% RH, non-condense			
Altitude	<2000m			
IP Level	IP54			
General				
Display	4.3" LCD touch-screen - optional			
Emergency Stop Control	Press emergency stop button			
Display Information	Charging process and status, Alarm and warning messages			
External Communication	Ethernet, Wi-Fi & 4G - optional			
Internal Communication	CAN Bus / RS485			
Dimensions (mm)	545 x 380 x 170	545 x 380 x 170	545 x 380 x 170	645 x 454 x 170
Weight	20KG	30KG	35KG	45KG
Charger Cable Length	5M (CHAdEMO) , 5M (CCS), 5M(GB/T) Customized acceptable			
Back Office Integration	OCPP 1.6			
Compliance and safety	RoHS: EN 50581, CE & IEC 61851-1			
Charging Protocol	CHAdEMO 2.0 / DIN 70121/ISD1S118/IEC61851-23,IEC61851-24			
Cooling	Air cooling			
Part Numbers	7SW0750	15SW0750	20SW0750	30SW0750

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