

VV SERIES

15-40kW DC CHARGER

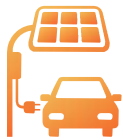
The Deltrix VV Series DC charger has supported the DC input, therefore, except traditional charging function, it can also accept DC input sources such as Solar battery, energy storage battery, vehicle battery, can also be used for solar charging station, energy storage charging station, solar-energy storage charging station, can also be used for car-to-car rescue (required car compatible with discharge function).



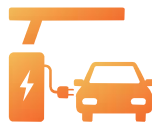
KEY FEATURES

- Connected solar panel, product can be directly used for Vehicles power supply.
- Battery Protection Design.
- Rectifier Inverter Design.
- Charging status monitoring.
- Current Sharing Technology.
- CAN Communication.
- Movable Type or Wall Mounted Type - optional.
- Cable length 3M (CHAdEMO) , 3M (CCS), 3M(GB/T) Customized acceptable.
- Efficiency up to 95% at nominal output power.
- Ethernet, Wi-Fi and 4G Module support platform - optional.
- Easy to install and operate .
- Full customization available (colour and logo).

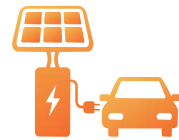
APPLICATION AREAS



Solar charging station



Energy storage
charging station



Solar-energy storage
charging station



Home smart charging



Road Rescue,
Car-to-car rescue



EV infrastructure operators
and service providers

TECHNICAL SPECIFICATIONS

Model	VV15	VV20	VV30	VV40
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DC Input

Input Voltage	260-760Vdc			
Input Connection	DC Input supply (DC+ & DC-)			
Input Current	27A	32A	54A	64A
Frequency	50 / 60 Hz			
Power Factor	>0.99 @ Full load			
Full Load Efficiency	≥95%			
Auxiliary Power	12V/24V			

DC Output

Output Voltage Range	200~750Vdc			
Output Current (DC)	25A	25A	50A	50A
Output Power	15kW	20kW	30kW	40kW
Output Protection	Overcharge Protection, Overheat Protection, Low-voltage Protection, Over Discharger Protection, Lightning Protection, Over-current Protection Short-circuit Protection			

TECHNICAL SPECIFICATIONS

Environmental

Operating Temperature -25~50°C

Humidity 5%-90% RH, non-condense

Altitude <2000m

IP Level IP43

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 (H x W x D)	428 x 158 x 494mm	428 x 180 x 580mm	433 x 200 x 650mm
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Weight	32kg	36kg	38kg	46kg
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Charger Cable Length 3M (CHAdeMO) , 3M (CCS), 3M(GB/T) Customized acceptable

Compliance and safety RoHS: EN 50581

Charging Protocol GBT27930 / CHAdeMO 2.0 / DIN 70121,OCPP 1.6(JSON), ISO 15118

Cooling Air cooling

Part Numbers	15VM0750 15VS0750	20VM0750 20VS0750	30VM0750 30VS0750	40VM0750
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