

# Product Specification

## DC 360kW Power Cabinet Charger

(UL Model, Four Outputs)

**TECO-Westinghouse Motor Company**

Document Version : PS\_DOWU362000D2PH-RW\_V0.3

### Key Features :

- DO 360KW supports Multi-Standards as CCS1, CCS2 Combo, and CHAdeMO
- Efficiency > 94%
- Support Ethernet, Wi-Fi ,3G and 4G communication
- Customization available, easy installation and maintenance
- PF > 0.99 ( APFC )
- OCPP 1.6 JSON
- IK10, NEMA3R

TECO-Westinghouse, 5100 North IH-35,  
Round Rock, Texas, 78681, USA

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1. Version History

<b>Revision</b>	<b>Date</b>	<b>Description</b>	<b>Author</b>
PS_DOWU362000D2PH-RW_V0.1	2021/01/18	First Issue	Gary
PS_DOWU362000D2PH-RW_V0.2	2021/07/01	Update the description of key feature	Gary
PS_DOWU362000D2PH-RW_V0.3	2021/09/08	Modify input max current rating	Gary

## 2. Product appearance and dimensions

### 2.1 Product appearance



\*\* NOTE : Overview, includes Power Cabinet and Dispenser  
The charging connectors installed on the EVSE may vary depending on the designated application.



\*\* NOTE :  
The ID concept was shown in above

## 2.2 Product Dimensions

Dimensions (W x D x H) : 1400 x 800 x 1900mm

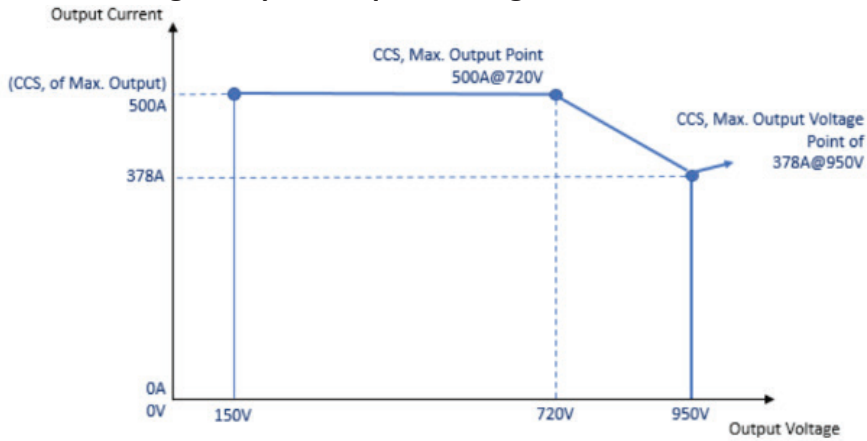
## 3. Product Specification

<b>Model Name</b>	<b>DOWU362000D2PH-RW</b>	
AC INPUT	Voltage Rating	3Φ, 480 Vac (+10%, -15%)
	Input Max Current Rating	3Φ, 549 Aac
	Electrical Distribution	3P+ N+ PE (Wye configuration)
	Power Grid System	TN/TT
	Frequency	50/60Hz
	Max. Input Power	396 kVA
	Power factor	> 0.99@Full-load output power, input nominal voltage and frequency of 50-60Hz
	Efficiency	> 94%, (at optimized V/I point)
DC OUTPUT	Outputs	Terminals x4 sets
	Maximum Output Voltage and Current	** Each single output terminal: 500A@150Vdc-720Vdc when output voltage up to 950Vdc the output current is 378A
	Maximum Output Power	DC 360kW with full load
	Simultaneously output mode	0%, 50%, 75%, 100% of maximum output power
	Voltage Accuracy	±2%
	Current Accuracy	±2%
Electrical Isolation	Isolation between input and output	
Standby Power	< 100W	
Communication	External	Ethernet, Wi-Fi and 3G, 4G
	Internal	CAN Bus/ RS485
Input Protection	OVP, OCP, OPP, OTP, UVP, SPD	
Output Protection	SCP, OCP, OVP, LVP, OTP	
Internal Protection	OTP, AC contactor detection, DC contactor detection, Fuse detection	
User Interface & Control	Display	None
	User Authentication	None
	Backend support	None

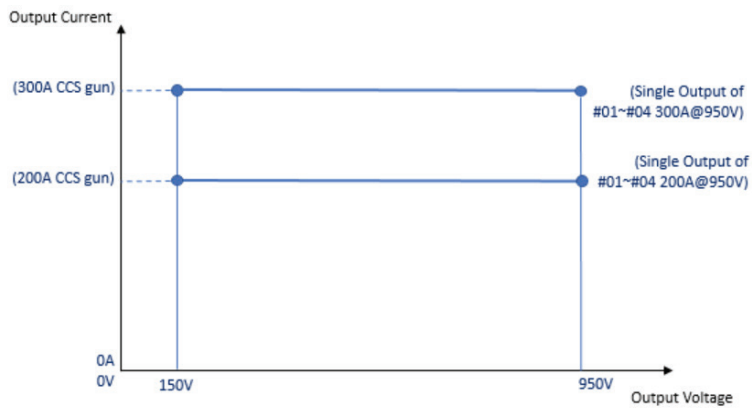
Environmental Conditions	Operation Temperature	-30°C~50°C, power derating when over 50°C
	Storage Temperature	-40°C to 70°C
	Relative Humidity	5%~95% RH, non-condensing
	Altitude	< 2000m
Regulations compliance	Safety Compliance	UL2231, UL2202
	EMI/EMC	FCC CFR Title 47 Part 15 Subpart B: 2020 ANSI C63.4: 2014 ICES-003:2020 Issue 7
Mechanical Specifications	Dimensions (WxDxH mm)	1400 x 800 x 1900 mm
	Weight (typ.)	< 1000 kg
	DC outputs interface	Terminals x 4 sets
	Cooling	Forced Air
	Ingression Protection	NEMA3R
	Anti-vandalism	IK10 (exclude screen and RFID module)

#### 4. Charging capacity of output Voltage and Current

➤ **DO360 single output of liquid cooling CCS Combo**



➤ **DO360 output of natural cooling CCS Combo**



5. Q&A

COMPANY :

NAME :

TITLE :

DATE :

COMPANY : \_\_\_\_\_

NAME : \_\_\_\_\_

TITLE : \_\_\_\_\_

DATE : \_\_\_\_\_

\*\* Confirm with customers if there are any changes in specifications.\*\*