



SPEC	MODEL NO	DSYE601B0BD2PH-RW		
	DWG NO..			
	REVISION	V1.0	DATE	2022.03.29

Product Specification

DC 60kW Fast Charger

CE Model (GB/T + GB/T)

PHIHONG TECHNOLOGY CO., LTD.

Document Version : PS_DSYE601B0BD2PH-RW_V1.0

Key Features :

- DS 60KW to support Multi-Standards Charging gun as CCS Combo, CHAdeMO and GB/T by Customized
- Efficiency > 94%
- Support Ethernet, Wi-Fi and 3G or 4G
- Integrated RFID card reader
- Customization available, easy installation and maintenance
- PF > 0.99 (APFC)
- OCPP 1.6 JSON
- 7 inches LCD screen with user friendly interface
- IK10 · IP55

Headquarters Taiwan

📍 No.568,Fuxing 3rd Rd.,Guishan Dist.,
Taoyuan City (33383),Taiwan,R.O.C.
☎ +886-3-3277288
☎ +886-3-3185999
✉ phsales@phihong.com.tw

Phihong USA

📍 47800 Fremont Blvd.Fremont, CA 94538, USA
☎ +1-510-445-0100
☎ +1-510-445-1678
✉ usasales@phihongusa.com
🌐 www.phihongusa.com
🌐 www.midspans.com

Phihong China

📍 Science & Technology Rd., Silver Lake Industrial
Area Qingxi Town, Dong Guan City, Guang Dong
(523648), China
☎ +86-769-86817888
☎ +86-769-86810775
✉ phsales@phihong.com.tw

Phihong Japan

📍 〒135-0016 東京都江東区東陽3丁目23番
24号VORT 東陽町ビル5階
☎ +81-3-5677-1678
☎ +81-3-5634-5255
✉ phsales@phihong.com.tw
🌐 www.phihong.co.jp

Phihong Europe

📍 Wattstraat 50, 2171 TR
Sassenheim,
The Netherlands
☎ +49-173-6308089
✉ sales@phihongeu.com
🌐 www.phihong-lighting.com



<https://www.phihong.com/>



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1. Version History

Revision	Date	Description	Author
PS_DSYE601B0BD2PH-RW_V1.0	03/29/2022	First Issue	Binkai



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2. Product outlook and dimensions

2.1 Product outlook



** Up to dual outputs of charging gun and maximum power of 60KW by load management



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2.2 Product Dimensions

Dimensions (W x D x H):

Metric Units : 700 x 331 x 1800 (mm)



** 7 inches LCD screen with user friendly interface



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3.Product Specification

Model Name	DSWU601B0BD2PH-RW		
AC INPUT	Voltage Rating	3Φ 380 ~ 415Vac (±15%)	
	Max. Input Current	115A	
	Electrical Distribution	3P+ N+ PE (Wye configuration)	
	Power Grid System	TN/TT	
	Frequency	50/60Hz	
	Power Factor	> 0.99	
	Efficiency	> 94%, at optimize V/I point	
DC OUTPUT	Dual Output	GB/T and GB/T	
	Output Voltage Range	DC 150 ~ 750 Vdc (GB/T)	
	Max. Output Current	GB/T : 120A@150Vdc ~ 500Vdc when output voltage up to 750Vdc the output current is 80A	
	Max. Output Power	DC 60kW	
	Voltage Accuracy	±2%	
	Current Accuracy	±2%	
Electrical Isolation	Isolation between input and output		
Standby Power	< 100W		
Communication	External	Ethernet, Wi-Fi and 3G or 4G	
	Internal	CAN Bus/ RS485	
Input Protection	OVP, OCP, OPP, OTP, UVP, SPD		
Output Protection	SCP, OCP, OVP, LVP, OTP, IMD		
Internal Protection	OTP, AC contactor detection, DC contactor detection, Fuse detection		
Load Management	OCPP 1.6 JSON		
User Interface & Control	Display	7-inch LCD	
	User Authentication	RFID : Support ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966), OCPP,	



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		2D barcode, APP, Mobile Payment
	Backend support	OCPP 1.6 JSON
Environmental Conditions	Operation Temperature	-30°C to 50°C, will derating from 50°C and above
	Storage Temperature	-40°C to 70°C
	Relative Humidity	5% ~ 95% RH, non-condensing
	Altitude	≤ 2000m
Regulations	Safety	Certified with IEC 61851-1, IEC 61851-23 Complied with GB/T18487, 27930, 20234, NB/T33001, 33008
	EMI/EMC	IEC 61851-21-2
	Charging Interface	GB/T 27930
Mechanical Specifications	Dimensions (W x D x H mm)	700(W) x 331(D) x 1800(H) mm
	Weight (typ.)	< 235 kg, with two charging guns
	DC Charging Connector	GB/T
	Charging Cable Length	4M
	Charging Cable Number	Two
	Cooling	Fan cooling
	Ingression Protection	IP55
	Anti-vandalism	IK10, not include LCD & RFID cover
	Acoustic Noise (dB(A))	≤ 65dB(A) (Pout with DC 50kW at R _t = 30°C)



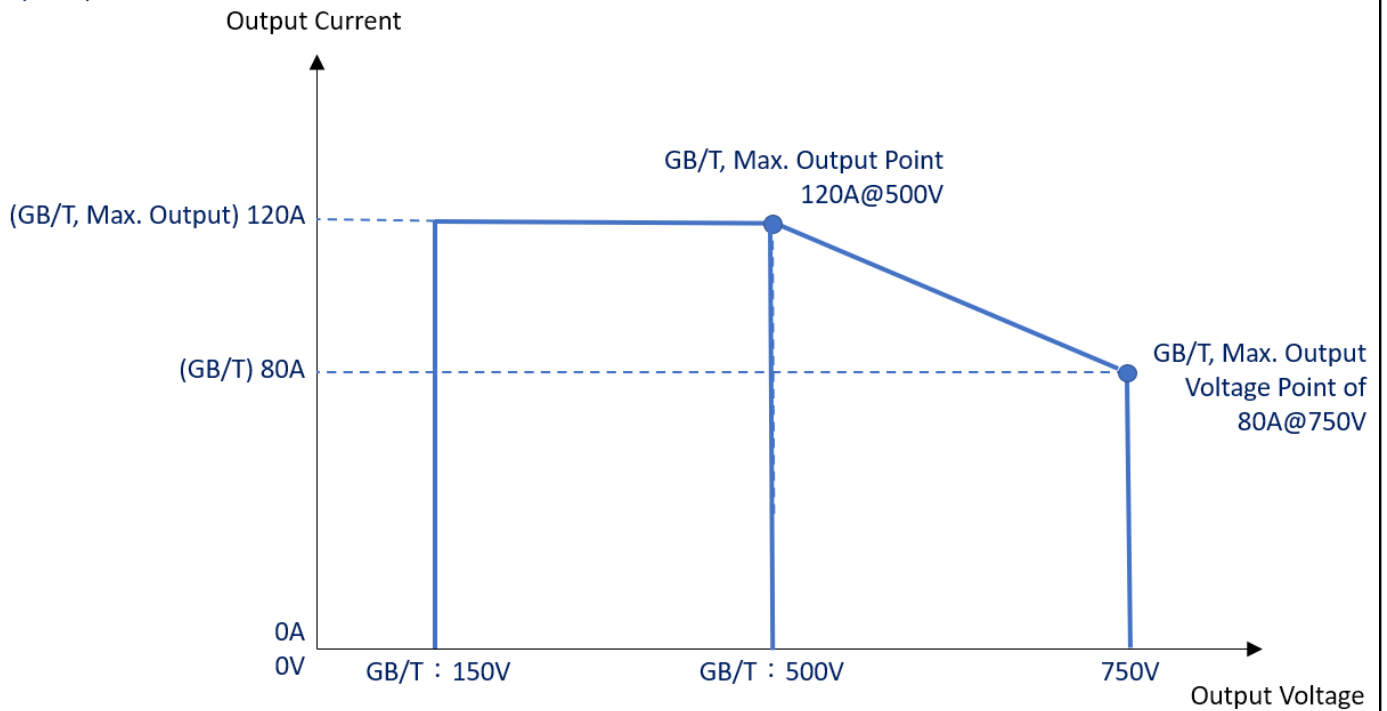
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4. Charging Curve (V/I)

4.1 GB/T

DS 60kW

GB/T's V/I Curve :



5. LED Status Indication

Status	Left Side (DC1)	Right Side (DC2)
Standby	Green	Green
Fault	Red	Red
Charging	Blue	Blue



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6.Q&A

COMPANY : _____

COMPANY : _____

NAME : _____

NAME : _____

TITLE : _____

TITLE : _____

DATE : _____

DATE : _____

** Specifications are subject to change without notice