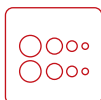


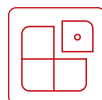
# Programmable Bidirectional DC Power Supply

— D2000-EV Series —



## 176kW/m<sup>3</sup> – 300kW@900kg

Get 300kW in one cabinet lighter than 900kg



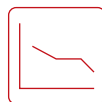
## Independent Modules

Flexible, stable, easy maintenance



## Up to 300V/ms

Super-fast voltage rise



## $\Delta V \leq 10V$

0-90%  $\Delta I$  @10ms



## SiC Design

All new generation



## Efficiency > 95.5%

Reduce carbon emissions



## Multi-function

Source /load /battery simulation...



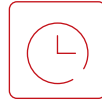
## CC/CV Priority

Meeting varied test requirements



## $\pm 0.02\%F.S.$

High voltage/current accuracy



## Fastest recovery in 500 $\mu$ s

Super fast recovery from sudden loading

Your contact:



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D2000-EV Series is an intelligent DC power supply boasting high accuracy, high dynamic response, and high efficiency. Adopting the all-new third-generation wide bandgap semiconductor device—SiC, the product series is highly modularized and standardized, offering industry-leading performance + experience. It is widely applicable to testing for electric vehicles, energy storage, aerospace and rail transit, as well as testing performed by research institutes and universities and colleges.

<b>Normal</b>	>>>	<b>Pro</b>	>>>	<b>Ultra</b>
Fundamental, Cost-effective		Fully-featured, Multi-scenario		Ultimate experience, Lab testing-oriented

D2000-EV Series				
Version		Normal	Pro	Ultra
Function param				
Voltage range	12-1200V	●	●	●
Power/current	100kW/300A	●	●	-
	200kW/600A	●	●	●
	300kW/900A	●	●	●
	400kW/1200A	●	●	●
	500kW/1200A	●	●	●
	600kW/1200A	-	●	●
Function	Bidirectional DC power supply	●	●	●
	Battery simulation	●	●	●
	Electronic load	-	●	●
	Electrically operated switch	-	●	●
	Manual switch	●	-	-
	Communication interface RS485/LAN/CAN	●	●	●
Output parameters	Voltage accuracy	±0.05%F.S.	±0.05%F.S.	±0.02%F.S.
	Current accuracy	±0.1%F.S.	±0.05%F.S.	±0.02%F.S.
	Response time	2ms	1ms	500us
	Switching time	4ms	2ms	1ms
	Voltage slew rate	100V/ms	200V/ms	300V/ms
	Current slew rate	200A/ms	300A/ms	500A/ms
	Voltage ripple		≤0.1%·F.S.	
	Current ripple		≤0.1%·F.S.	
	Efficiency		95.5%	
	Grounding resistance		≤0.1Ω	
Input parameters	Grid voltage		380V±15%	
	Grid frequency		47-63Hz	
	iTHD		≤3%	
	Power factor		≥0.99	
General parameters	Operating temperature		-10 ~ 40°C	
	Dimensions/weight		See product lineup for details	

Note: ● come with standard equipment    - none

