

X-RAY GENERATOR

Mobile X-Ray Use / DMP-300 Series

Features

- 50kW output reduces exposure time for higher-quality images
- High-capacity 3U-NCM Li-based battery extends operation time
- 12/24/105 VDC auxiliary power simplifies system integration
- Digital control circuit enhances performance and accuracy
- Built-in energy storage system extends the battery life



Hospital



Clinic



DELTA

The Most Powerful Heart for Mobile DR Systems

The DMP-300 X-ray Generator is designed for medical mobile DR systems. With a maximum power of 50 kW and high-frequency output of 450 kHz, the DMP-300 can effectively improve DR system performance. Its compact 3U-NCM Li-based battery and built-in energy storage pack lengthen operation times, which extends battery life. The DMP-300 is the most powerful heart for medical DR mobile systems.

Specification

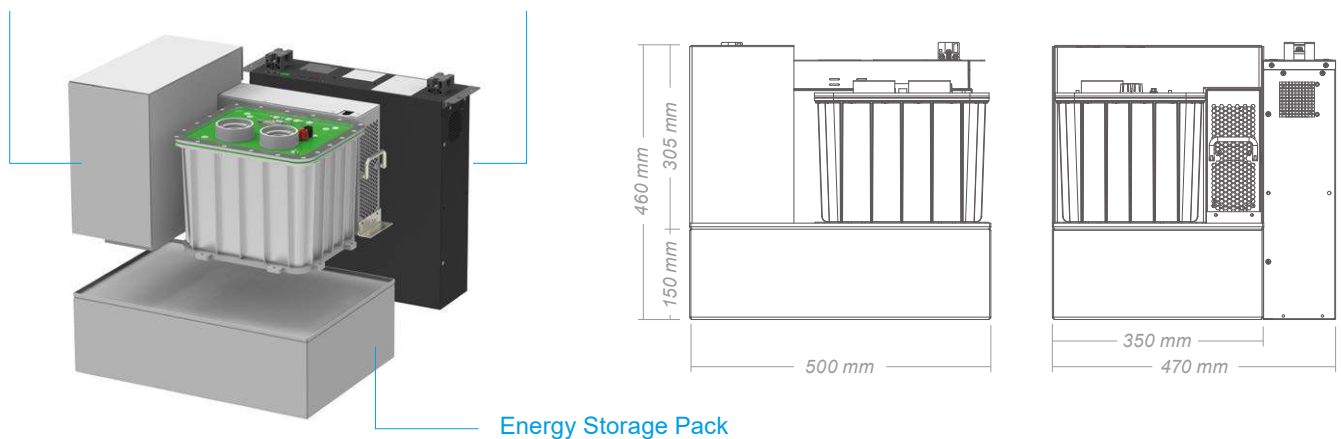
Model Name	DMP-300	
Input / Output	32kW	50kW
Input Voltage	40 - 60 VDC	40 - 60 VDC
Output Voltage Range (kVp Range)	40 - 150 kV	
Output Current Range	10 - 400 mA	10 - 630 mA
Output mAs Range	0.1 - 320 mAs	0.1 - 320 mAs
Exposure Time Range	1 - 10 s	1 - 10 s
Output Voltage Ripple	< 1 kV @ 110 kV	
Hardware		
Automatic Calibration	Standard Features	
AEC Connector	Optional	
Battery Pack	3U-NCM Battery (48V, 55Ah)	
Auxiliary Power	12 VDC / 14A, 24 VDC / 10A, 105 VDC / 5A	
Battery Charger	52 VDC / 19A	
Dimension (L x W x H)	High-Voltage Generator : 500 x 352 x 305 mm Battery Pack : 460 x 430 x 120 mm Energy Storage Pack : 500 x 352 x 150 mm	
Weight	High-Voltage Generator : 22.0 kg Battery Pack : 28.5 kg Energy Storage Pack : 18.5 kg	
Safety	IEC 60601-1 2 nd edition, 3 rd edition, IEC 60601-2-54.	
Electromagnetic Compatibility	IEC 60601-1-2 4 th edition compliance	

* All parameter specifications have been tested at 25°C

Mechanical Drawing

High-Voltage Generator

Battery Pack



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