

# MKP680 Series

680 Watt Medical  
Power Supply

# PHASIUM

BY MEGMEET

Medical Power Specialists



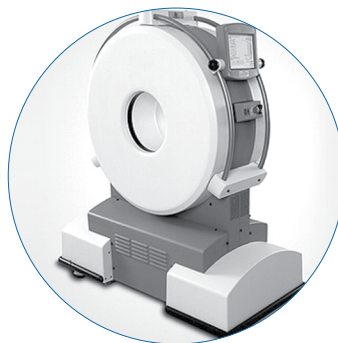
The product is applied to the respiratory machines in the intensive care unit. Intelligent switch management between three input sources, one AC input and two cell inputs to maximize the uninterrupted work of the respiratory machine. Intelligent charging/discharging management to extend the service life of the battery. Hardware circuit can automatically achieve the output without interruption in case of software failure.

## Key Features

- Medical 60601-1 Safety Approvals
- 309 x 249.5 x 105mm
- High Efficiency - Up to 75%
- Medical (BF) Safety Approvals
- EN55011 / FCC Part 15J Class B Emissions
- 3 Year Warranty



Oxygen Generator



Portable CT



MRI Machine



X-Ray Systems

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Models	Main Output	Output Current	Ripple & Noise (Max)	Standby Output
MKP680	+5V	10A	100mV	±2%
	+24V	17A	500mV	±5%
	+24V	4.5A	500mV	±5%
	+5V	0.5A	150mV	±5%
	-15V	0.1A	150mV	±5%
	+5V	0.015A	100mV	±3.5%

#### Technical Highlights

<b>Input Voltage</b>	85-264 VAC (Universal)/19~30VDC	<b>Efficiency</b>	75% typical at 115/230 VAC, full load
<b>Leakage Current</b>	<190μA @ 264VAC (Class I)	<b>Operating Temperature</b>	0°C ~ +40°C (Internal Fan Forced Air Flow)
<b>Output Voltage</b>	See Table	<b>Protection</b>	Internal T15A/ 250V (Line & Neutral)
<b>Line Regulation</b>	±0.5%	<b>Isolation</b>	Input to Output 4000 VAC Input to Ground 1500 VAC
<b>Load Regulation</b>	±5%	<b>MTBF</b>	>50K Hours, Mil-217F at 25 °C, full load

Note: Product specifications are subject to change without prior notice.

