

BLACK HAWK PREMIUM POWER SUPPLY

Product Overview & Description

The Black Hawk uninterruptible standby power supplies offer the most reliable and up to date technology. Using digital signal processing controlled electronics, the Black Hawk insures the soundest, trouble free protection of power transfer from utility power to battery power. Interchangeable inverter can be removed from the power supply within minutes without interrupting services. The Black Hawk is compatible with most traffic cabinets and fit on all 19" racks. Optional web-based Ethernet interface allows status monitoring for your system.

Product Information

Stock ID:	017-054-20	017-054-21	017-054-22	017-054-23
Input Voltage	120VAC	240VAC	120VAC	240VAC
Input Current	15.5A	8A	7.5A	3.9A
Input Frequency	60Hz		60Hz	
Line Accept	102VAC	204VAC	102VAC	204VAC
Line Reject	90VAC	180VAC	90VAC	180VAC
Output Voltage	120VAC -5%/+2%		120VAC -5%/+2%	
Output Current	11.25A		5.4A	
Output Power	1350VA		650VA	
Efficiency	90% typical		90% typical	
Battery Voltage	48VDC nominal		24VDC nominal	
Low Battery Cutoff	42.0VDC		21.0VDC	
Battery Acceptance	No higher than 49VDC		No higher than 24.5VDC	
Battery Charger	Bulk, balance, and float		Bulk, balance, and float	
Recharge Current	10A max		10A max	
Battery Float Voltage	54.7VDC (2.28V/cell)		27.36VDC (2.28V/cell)	
Charger Temperature Compensation	-0.09V/degC -0.05V/decF		-0.09V/degC -0.05V/decF	
Transfer Time	4mS typical		4mS typical	
Size	19"W x 8.6"H x 12.5D (483mm x 218mm x 318mm)		19"W x 8.6"H x 12.5D (483mm x 218mm x 318mm)	

Order From:



Toll Free: 800-423-2594
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MP PLUS TRUE UPS POWER SUPPLY

Product Overview & Description

The MP Plus power supply traces its roots to services started in 1998 with its forerunner, the MP True UPS. At that time, power supplies based on the true UPS concept constituted the largest trouble-free installations of any ITS/DOT network power supply in the world. The key to part of this success is the universal input that allows this particular power supply to operate from a wide range of voltages. Consequently, line voltage spikes, sags, and minor surges that occur daily on the AC utility lines are absorbed in the input circuits of the MP Plus power supply. If a brownout, blackout or momentary loss of AC power occurs, the transfer to the battery backup inverter is seamless with absolutely no power anomalies being reflected to the load. Circuit topology within the MP Plus series provides a true UPS product suitable for today's mission-critical applications, offering the best and most reliable back-up source for services. Standby power supplies simply cannot provide the quality of power and the ongoing reliability offered in the MP Plus True UPS power supply.

Product Information

Stock ID:	017-055-20	017-055-21
Input Voltage	90 to 265VAC	180 to 265VAC
Input Current	15.5A	8A
Input Frequency	60Hz	
Line Accept	90VAC	180VAC
Line Reject	82VAC	164VAC
Output Voltage	120VAC -5%/+2%	240VAC -5%/+2%
Output Current	11.25A	11.25A
Output Power	1350VA	1350VA
Efficiency	90% typical	90% typical
Battery Voltage	48VDC nominal	48VDC nominal
Low Battery Cutoff	42.0VDC	42.0VDC
Battery Acceptance	No higher than 49VDC	No higher than 49VDC
Battery Charger	Bulk, balance, and float	Bulk, balance, and float
Recharge Current	8A max	8A max
Battery Float Voltage	54.7VDC (2.28V/cell)	54.7VDC (2.28V/cell)
Charger Temperature Compensation	-0.09V/degC -0.05V/decF	-0.09V/degC -0.05V/decF
Transfer Time	True UPS	True UPS
Size	19"W x 8.6"H x 12.5D (483mm x 218mm x 318mm)	19"W x 8.6"H x 12.5D (483mm x 218mm x 318mm)

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