

HP-D00 Series power



Wide range input 85~264VAC
 Short circuit protection
 The output voltage is adjustable through
 the knob
 Filter built-in
 150% Rated over load protection
 3 Years Warranty

Order data		
Type	HP-D00--0310-108	HP-D00-0408-108
Input		
Rated input voltage	100V~240VAC	
input voltage range	85V~264VAC ; 90V~375VDC	
Input current	115VAC: 1060mA. ; 230VAC: 590mA< 1.9 mA	
Line frequency	47~63Hz	
Inrush current	20A@115VAC ; 40A@230VAC	
Power dissipation (230Vh)	9.0W	7.8W
Leakage current	I/O : 0.25mA ; Input/ ground : 3.5mA	
PFC (Passive)	-	
Output		
Output power	60W	60W
Output voltage/ Output precision	+12VDC/±0.5%	+24VDC/±0.5%
Output voltage range	12~14VDC	24~28VDC
Rated output current	5A	2.5A
Hold up time	20ms@115VAC ; 30ms@230VAC	
Turn on time	1000ms	
Efficiency(min. ,typ.)	84%,86%	86%,89%
Protection		
Input fuse	internal T2A@250VAC	
Rated over load protection	110%~150%	
Over voltage protection	15~16.5V@12VDC ; 30~33V@24VDC	
Degree of protection	IP20	
General parameter		
Isolation voltage (input-output)	I/O 3000VAC , 4242VDC ; Input/ FG:1500VAC , 2121VDC ; Output/ FG : 500VAC, 710VDC	
Isolation resistance (input-output)	100MΩ	
Ambient temperature/Operating temperature	-40°C~+71°C/-40°C~85°C	
Relative humidity	≤95%,non condensating	
Weight	340g	
Installation	NS35 DIN RAIL	
SIZE(L*W*D)mm	90 x 40.5 x 114	

HP-D00 Series power



PFC (Power Factor Correct) function
 Input 115/230VAC self-adaption
 Parallel function
 SELV (safe extra low voltage)
 The output voltage is adjustable through
 the knob
 145% Rated over load protection
 3 Years Warranty

Order data			
Type	HP-D00-0312-108	HP-D00-0410-108	HP-D00-0708-108
Input			
Rated input voltage	115/230VAC (self-adaption)		
input voltage range	115VAC : 90V~132V ; 230VAC : 180V~264V		
Input current	115VAC: 2.2A. ; 230VAC: 0.83A(AL/BL mode 115VAC: 2.0A. ; 230VAC: 0.8A)		
Line frequency	47~63Hz		
Inrush current	24A@115VAC ; 48A@230VAC		
Power dissipation (230Vh)	24W	20W	19W
Leakage current	Input/Output 0.25mA ; Input/Ground 3.5mA		
PFC (Passive)	Typical value : 0.7		
Output			
Output power	120W	120W	120W
Output voltage/ Output precision	+12VDC/±1%	+24VDC/±1%	+48VDC/±1%
Output voltage range	11.4~14.5VDC	22.5~28.5VDC	45~55VDC
Rated output current	10A	5A	2.5A
Hold up time	25ms@115VAC ; 30ms@230VAC		
Turn on time	1000ms		
Efficiency(min. ,typ.)	82% , 84%	84%,86%	85%,87%
Protection			
Input fuse	internal T3.15A@250VAC		
Rated over load protection	110%~145% ;		
Over voltage protection	15~16.8V@12VDC ; 30~33V@24VDC ; 60~63V@48VDC		
Degree of protection	IP20		
General parameter			
Isolation voltage (input-output)	I/O3000VAC , 4242VDC ; Input/ FG:1500VAC , 2121VDC ; Output/ FG : 500VAC, 710VDC		
Isolation resistance (input-output)	100MΩ		
Ambient temperature/Operating temperature	-35°C~+71°C/-40°C~85°C		
Relative humidity	≤95%,non condensating		
Weight	920g		
Installation	NS35 DIN RAIL		
SIZE(L*W*D)mm	124.5 x 64 x 123.6		

HP-D00 Series power



PFC (Power Factor Correct) function

Input 115/230VAC self-adaption

Parallel function

SELV (safe extra low voltage)

The output voltage is adjustable
through the knob

145% Rated over load protection

3 Years Warranty

Order data				
Type	HP-D00-0412-108	HP-D00-0710-108	HP-D00-0412-108	HP-D00-0725-108
Input				
Rated input voltage	115/230VAC self-adaption			
input voltage range	115VAC : 90V~132V ; 230VAC : 180V~264V			
Input current	115VAC: 4.0A. ; 230VAC: 1.55A		115VAC: 4.8A. ; 230VAC: 1.9A	
Line frequency	47~63Hz			
Inrush current	30A@115VAC ; 60A@230VAC		35A@115VAC ; 65A@230VAC	
Power dissipation (230Vh)	35W	32W	42W	40W
Leakage current	Input/Output 0.25mA ; Input/Ground 3.5mA			
PFC (Passive)	Typical value : 0.75			
Output				
Output power	240W	240W	300W	300W
Output voltage/ Output precision	+24VDC/±1%	+48VDC/±1%	+24VDC/±0.5%	+48VDC/±1%
Output voltage range	22.5~28.5VDC	47~56VDC	22.5~28.5VDC	47~56VDC
Rated output current	10A	5A	12.5A	6.25A
Hold up time	25ms@115VAC ; 30ms@230VAC			
Turn on time	1000ms			
Efficiency(min. ,typ.)	87%,89%	88%,90%	87%,89%	88%,90%
Protection				
Input fuse	internal T6.3A@250VAC		internal T8A@250VAC	
Rated over load protection	120%~145%			
Over voltage protection	30~33V@24VDC ; 60~63V@48VDC			
Degree of protection	IP20			
General parameter				
Isolation voltage (input-output)	I/O 3000VAC , 4242VDC ; Input/ FG:1500VAC , 2121VDC ; Output/ FG : 500VAC, 710VDC			
Isolation resistance (input-output)	100MΩ			
Ambient temperature/Operating temperature	- 40°C~+71°C/ - 40°C~85°C		- 30°C~+71°C/ - 40°C~85°C	
Relative humidity	≤95%,non condensating			
Weight	1380g		1400g	
Installation	NS35 DIN RAIL			
SIZE(L*W*D)mm	124.5 x 83.5 x 123.6			

HP-D00 Series power



PFC (Power Factor Correct) function

Wide input voltage range : 90~264VAC

Parallel function

SELV (safe extra low voltage)

The output voltage is adjustable through the knob

145% Rated over load protection

3 Years Warranty

Order data		
Type	HP-D00-0414-108	HP-D00-0712-108
Input		
Rated input voltage	115/230VAC	
input voltage range	90V~264VAC	
Input current	115VAC: 4.9A. ; 230VAC: 2.5A	
Line frequency	47~63Hz	
Inrush current	25A@115VAC ; 50A@230VAC	
Power dissipation (230Vh)	63W	60W
Leakage current	Input/Output : 0.25mA ; Input/Ground : 3.5mA	
PFC (Passive)	0.99@115VAC ; 0.97@230VAC	
Output		
Output power	480W	480W
Output voltage/ Output precision	+24VDC/±1%	+48VDC/±1%
Output voltage range	22.5~28.5VDC	47~56VDC
Rated output current	20A	10A
Hold up time	25ms@115VAC ; 30ms@230VAC	
Turn on time	1000ms	
Efficiency(min. ,typ.)	86%,89%	87%,90%
Protection		
Input fuse	internal T10A@250VAC	
Rated over load protection	110%~145%	
Over voltage protection	30~33V@24VDC ; 60~63V@48VDC	
Degree of protection	IP20	
General parameter		
Isolation voltage (input-output)	I/O 3000VAC , 4242VDC ; Input/ FG:1500VAC , 2121VDC ; Output/ FG : 500VAC, 710VDC	
Isolation resistance (input-output)	100MΩ	
Ambient temperature/Operating temperature	-35°C~+71°C/-40°C~85°C	
Relative humidity	≤95%,non condensating	
Weight	1920g	
Installation	NS35 DIN RAIL	
SIZE(L*W*D)mm	124.5 x 175.5 x 123.6	