



DC Power Supply



HDP10000 Series

210/180W, Single Output, Low Noise

DC Power
Supply



Product Features

- 10mV/1mA resolution, LED display to indicate 4 digits voltage and current simultaneously;
- With 5-12V output quick charging USB interface;
- Memory for up to 10 setups;
- Optional input AC voltage selector, 115V/230V switch;
- Computer control via RS232, programmable (optional);
- Over voltage, over current, over temperature and short circuit protection;
- Quiet operation;
- Safety interlock;
- Up to 8A or 80V output;
- Low output ripple and noise.

Specification

Model		HDP135V6A	HDP135V6B	HDP135V6	HDP135V6S	HDP180V8S	HDP1160V4S
Power Output		210W				180W	
DC Output Rating (0 to 40° C)		0-35V				0-80V	0-160V
		0-6A				0-8A	0-4A
Load Regulation	Voltage	≤0.1% + 5mV					
	Current	≤0.2% + 3mA					
Line Regulation	Voltage	≤0.01% + 5mV					
	Current	≤0.2% + 3mA					
Setting Resolution	Voltage	10mV					10mV (0-100V) 100mV(100-160V)
	Current	1mA					
Setting Accuracy	Voltage	≤0.1% + 1 digits					
	Current	≤0.2% + 3mA					
Readback Resolution	Voltage	10mV					10mV (0-100V) 100mV(100-160V)
	Current	1mA					
Readback Accuracy	Voltage	≤0.1% + 1 digits					
	Current	≤0.2% + 3mA					
Ripple	Voltage	10mVRMS					15mVRMS
	Current	5mARMS			8mARMS	10mARMS	
Over Voltage Protection (OVP)		0-37V ± 0.2% FS				0-88V ± 0.2% FS	0-176V ± 0.2% FS
Over Current Protection (OCP)		0-7A ± 0.2% FS				0-88A ± 0.2% FS	0-4.4A ± 0.2% FS
Max. Output Voltage		35.2V ± 0.2%				81V ± 0.2%	162V ± 0.2%
Max. Output Current		6.2A ± 0.2%				8.2A ± 0.2%	4.1A ± 0.2%
Quick Charging	Output Voltage Range	5 - 12V					
	Output Power	Max. 18W					
	Protocol	DCP (Apple, Samsung and BC1.2), QC2.0/QC3.0 (Qualcomm), FCP (Huawei), AFC (Samsung)					
AC Input		220 VAC ±10%, 50/60 Hz	110 VAC ±10%, 50/60 Hz	110 VAC ±10% / 220 VAC ±10%, 50/60 Hz			
Connectivity	RS232	Not Available			Available		
Cooling Method		Air-cooled					
Operating Conditions		-10 to 40 °C: ≤80% relative humidity					
Storage Temperature		-20 to 60 °C: ≤80% relative humidity					
Dimensions		85 x 160 x 260 mm					
Weight		1.3 kg				1.9 kg	