

Typical Performance

FEATURES

- Wide Input voltage range
- Low ripple
- Current-limiting operation mode, with built-in overcurrent protection and short-circuit protection
- With a built-in 5V reference voltage. The output voltage can be adjusted by connecting an external potentiometer
- The output voltage can be adjusted by connecting an external voltage of 0 to 5V
- With RS485 interface can be connected to the upper computer or single-chip microcomputer for digital monitoring and control.
- Remote monitoring and control of the high-voltage module through batch networking.
- Metal case
- High-voltage silicone rubber wire output
- Size:160*70*40mm(L*W*H)
- Weight: 780g



Technical parameter

Input voltage(Vdc)	12V(10~14V),24V(22~26V)
Output voltage(Vdc)	0~+/-1000V,0~+/-2000V,0~+/-3000V,0~+/-4000V,0~+/-5000V
Max output power	100W
Output ripple	≤0.02%(full input,full load)
Efficiency	≥80%
Current sampling output	DC 0 to 5V corresponds to 0 to rated high voltage output current
Voltage sampling output	DC 0 to 5V corresponds to 0 to rated high voltage output voltage
Load adjust rate	≤1%(Input voltage is within the nominal range,output load 0%~100%)
Output stability	≤0.5%(Input voltage is within the nominal range,output load 20%~80%)
Line adjust rate	≤0.5%
Output voltage regulation mode	Voltage regulation mode, potentiometer voltage regulation mode, remote digital voltage regulation mode
Reference voltage output	+5Vdc

Working temperature	-20~+65℃
Storage temperature	-50~+95℃
Temperature regulation rate	≤0.1%/℃
Temperature humidity	20%~90%RH

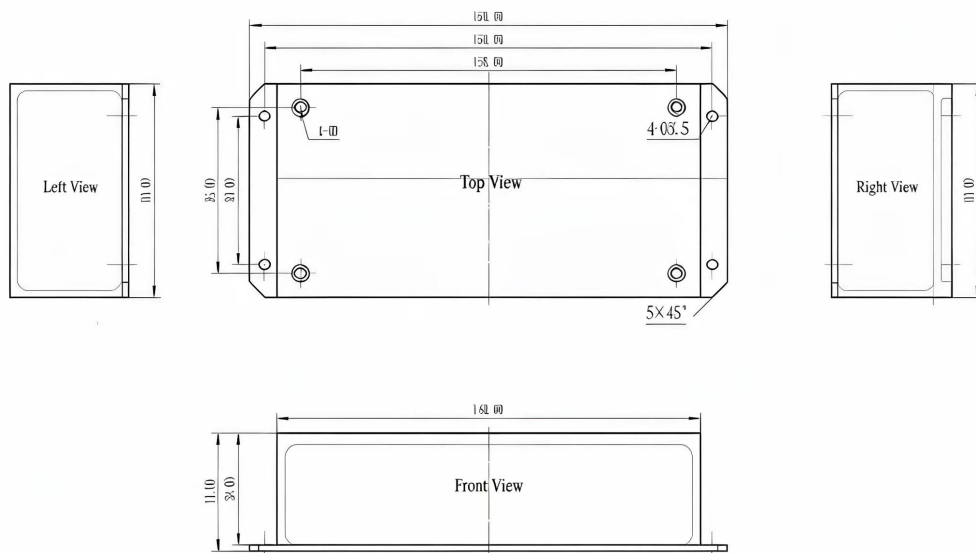
Product Program

PART #	Input voltage range	Output voltage / Ripple/Current				
		Vout	Power	Output current		
					Ripple	
LHT50-12S1000P	12V (10~14V)	0~+1000V	50W	50mA	300mV	
LHT50-12S1000N		0~-1000V	50W	50mA	300mV	
LHT100-12S1000P		0~+1000V	100W	100mA	300mV	
LHT100-12S1000N		0~-1000V	100W	100mA	300mV	
LHT60-12S2000P		0~+2000V	60W	30mA	300mV	
LHT60-12S2000N		0~-2000V	60W	30mA	300mV	
LHT100-12S2000P		0~+2000V	100W	50mA	300mV	
LHT100-12S2000N		0~-2000V	100W	50mA	300mV	
LHT60-12S3000P		0~+3000V	60W	20mA	500mV	
LHT60-12S3000N		0~-3000V	60W	20mA	500mV	
LHT90-12S3000P		0~+3000V	90W	30mA	600mV	
LHT90-12S3000N		0~-3000V	90W	30mA	600mV	
LHT40-12S4000P		0~+4000V	40W	10mA	700mV	
LHT40-12S4000N		0~-4000V	40W	10mA	700mV	
LHT100-12S4000P		0~+4000V	100W	25mA	800mV	
LHT100-12S4000N		0~-4000V	100W	25mA	800mV	
LHT50-12S5000P		0~+5000V	50W	10mA	800mV	
LHT50-12S5000N		0~-5000V	50W	10mA	800mV	
LHT100-12S5000P		0~+5000V	100W	20mA	900mV	
LHT100-12S5000N		0~-5000V	100W	20mA	900mV	
LHT50-24S1000P	24V (22~26V)	0~+1000V	50W	50mA	300mV	
LHT50-24S1000N		0~-1000V	50W	50mA	300mV	
LHT100-24S1000P		0~+1000V	100W	100mA	300mV	
LHT100-24S1000N		0~-1000V	100W	100mA	300mV	

LHT60-24S2000P		0~+2000V	60W	30mA	300mV	
LHT60-24S2000N		0~-2000V	60W	30mA	300mV	
LHT100-24S2000P		0~+2000V	100W	50mA	300mV	
LHT100-24S2000N		0~-2000V	100W	50mA	300mV	
LHT60-24S3000P		0~+3000V	60W	20mA	500mV	
LHT60-24S3000N		0~-3000V	60W	20mA	500mV	
LHT90-24S3000P		0~+3000V	90W	30mA	600mV	
LHT90-24S3000N		0~-3000V	90W	30mA	600mV	
LHT40-24S4000P		0~+4000V	40W	10mA	700mV	
LHT40-24S4000N		0~-4000V	40W	10mA	700mV	
LHT100-24S4000P		0~+4000V	100W	25mA	800mV	
LHT100-24S4000N		0~-4000V	100W	25mA	800mV	
LHT50-24S5000P		0~+5000V	50W	10mA	800mV	
LHT50-24S5000N		0~-5000V	50W	10mA	800mV	
LHT100-24S5000P		0~+5000V	100W	20mA	900mV	
LHT100-24S5000N		0~-5000V	100W	20mA	900mV	

customized accepted ,pls contact sales for details

Mechanical Dimension



*The final interpretation right of the product belongs to ECCO ELECTRONICS.