

Typical Performance

FEATURES

- Wide Input voltage range
- Low ripple
- 0~+/-40000V Continuously adjustable output voltage
- External DC 0~5V can adjust and control output voltage
- With +5V reference source, external potentiometer can adjust and control the output voltage
- Metal case
- Wire connected
- Size:178*48*30mm(L*W*H)
- Weight: 580g



Technical parameter

Input voltage(Vdc)	12V(11~16V),24V(21~28V)
Output voltage(Vdc)	0~+/-20KV,0~+/-30KV,0~+/-40KV
Output current	1mA~3mA
Output ripple	≤0.08%(full input,full load)
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 0%~100%)
Line adjust rate	≤0.5%
Output voltage regulation mode	Voltage regulation, potentiometer regulation
Reference voltage output	+5Vdc
Protect	Short circuit protect,over current protect
Control	High level turns off, low level open
Status display output	Output 5VDC voltage signal, can be connected to LED indicator
Working temperature	-20~+65℃
Storage temperature	-50~+95℃
Temperature stability	≤40PPM℃
Temperature humidity	20%~90%RH

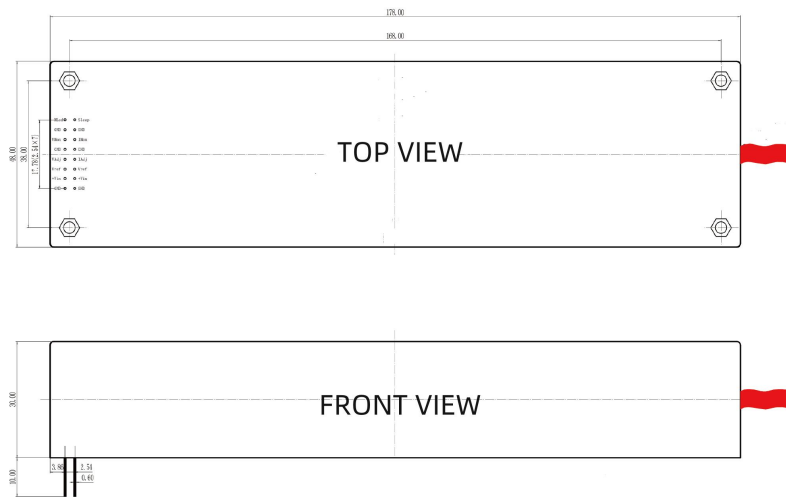
Under voltage protect

Product Program

PART #	Input voltage range	Output voltage / Ripple/Current				
		Vout	Ripple	Output current	Input current	
					No load	Full load
LHF-12S20000P	12V (11~13V)	0~+20000V	0.01%~0.03%	0~2mA	<500mA	<2.6A
LHF-12S20000N		0~-20000V	0.01%~0.03%	0~2mA	<500mA	<2.6A
LHF-12S30000P		0~+30000V	0.015%~0.04%	0~1mA	<800mA	<4A
LHF-12S30000N		0~-30000V	0.015%~0.04%	0~1mA	<800mA	<4A
LHF-12S40000P		0~+40000V	0.02%~0.08%	0~0.25mA	<1mA	<1.4A
LHF-12S40000N		0~-40000V	0.02%~0.08%	0~0.25mA	<1mA	<1.4A
LHF-24S20000P	24V(22~26V)	0~+20000V	0.01%~0.03%	0~2mA	<250mA	<1.3A
LHF-24S20000N		0~+20000V	0.01%~0.03%	0~2mA	<250mA	<1.3A
LHF-24S30000P		0~+30000V	0.015%~0.04%	0~1mA	<400mA	<2A
LHF-24S30000N		0~-30000V	0.015%~0.04%	0~1mA	<400mA	<2A
LHF-24S40000P		0~+40000V	0.02%~0.08%	0~0.25mA	<500mA	<0.7A
LHF-24S40000N		0~+40000V	0.02%~0.08%	0~0.25mA	<500mA	<0.7A
LHF-28S20000P	28V(26~30V)	0~+20000V	0.01%~0.03%	0~2mA	<200mA	<1A
LHF-28S20000N		0~-20000V	0.01%~0.03%	0~2mA	<200mA	<1A
LHF-28S30000P		0~+30000V	0.015%~0.04%	0~1mA	<400mA	<2.4A
LHF-28S30000N		0~-30000V	0.015%~0.04%	0~1mA	<400mA	<2.4A
LHF-28S40000P		0~+40000V	0.02%~0.08%	0~0.25mA	<450mA	<0.6A
LHF-28S40000N		0~-40000V	0.02%~0.08%	0~0.25mA	<450mA	<0.6A

customized accepted ,pls contact sales for details

Mechanical Dimension



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