

OPE-S Series

Linear Type Programmable DC Power Supply

저렴한 가격 - Single 채널 파워서플라이

OPE-S Series는 저렴한 가격의 Programmable DC Power Supply로 RS-232C(RS-485통신 OPTION) Remote Interface를 통한 제어를 위해 SCPI Protocol을 제공합니다. OPE-S Series는 산업현장, 연구소, 교육센터기관에서 사용되는 테스트 조건에 다양한 Solution을 제공합니다.

~ 300W



- ① LCD(전압 전류 및 Message Display 모듈)

② 전압/전류/수치적 변경 엔코더 스위치

③ I/O 또는 LOCAL Key

④ 출력전압/전류 ON/OFF

⑤ 전압/전류 선택 또는 Limit Display Key
- ⑥ 전압/전류 Cursor 또는 메뉴변경 Key

⑦ 전압/전류 Cursor 또는 메뉴변경 Key

⑧ Constant Current 모드 지시 램프

⑨ Remote Interface 모드 지시 램프

⑩ + 출력단자
- ⑪ - 출력단자

⑫ Earth GND 단자

⑬ 메인전원 ON/OFF 스위치
- Ⓐ RS-232C Interface Port(RS-485 옵션)

Ⓑ AC Input Inlet

300W~600W



- Ⓐ RS-232C Interface Port(RS-485 옵션)

Ⓑ AC Input Inlet

Ⓒ DC Output Terminal

Product Dimension Guide

~300W	213mm(W) x 88mm(H) x 362mm(D), 2U	1.2kW~2.5kW	426mm(W) x 265mm(H) x 650mm(D), 6U
300W~600W	300mm(W) x 150mm(H) x 465mm(D)	2.5kW~3kW	426mm(W) x 356mm(H) x 650mm(D), 8U
600W~1.2kW	426mm(W) x 177mm(H) x 505mm(D), 4U	3kW ~	Rack Mount 600mm(W) x 800~2000mm(H) x 900mm(D)

기본 기능

- 3-Digit Display Resolution
- 16X2 Big-Char Type LCD Display 장착
- CC/CV 모드
- Output ON/OFF 기능 제공
- Memory Store & Recall 기능 제공(5개 저장 가능)
- RS-232C 통신 기본장착(RS-485 통신 옵션)

옵션

- OVP, OCP(Remote Communication control only)
- Output ON/OFF signal control
- Analog Input 제어 (DC 0~5V or 0~10V) & Analog Output 모니터링 (DC 0~5V or 0~10V), Isolated type
- Rack Mount Support(Bracket and Shelf)

액세서리

- AC 파워 코드(Type F)
- 메뉴얼(QR 코드)
- Demo software 프로그램(QR 코드)
- Banana to Alligator DC 출력 케이블(+,-)

Line-Up and Specification

*표시된 제품은 CE인증된 모델입니다.												
	1A	2A	3A	5A	10A	20A	30A	50A	80A	100A	150A	200A
9V	-	-	-	-	OPE-910S	OPE-920S	OPE-930S	OPE-950S	-	OPE-9100S	-	OPE-9200S
18V	-	-	-	OPE-185S	OPE-1810S	OPE-1820S	OPE-1830S	OPE-1850S	OPE-1880S	OPE-18100S	-	OPE-18200S
30V	-	-	-	OPE-305S*	OPE-3010S	OPE-3020S*	OPE-3030S	-	OPE-3080S	OPE-30100S	OPE-30150S	-
50V	-	-	OPE-503S	OPE-505S	OPE-5010S	OPE-5020S	OPE-5030S	OPE-5050S	OPE-5080S	OPE-50100S	-	-
80V	OPE-801S	OPE-802S	OPE-803S	OPE-805S	OPE-8010S	OPE-8020S	OPE-8030S	OPE-8050S	-	-	-	-
100V	OPE-1001S	OPE-1002S	OPE-1003S	OPE-1005S	OPE-10010S	OPE-10020S	OPE-10030S	OPE-10050S	-	-	-	-
150V	OPE-1501S	OPE-1502S	OPE-1503S	OPE-1505S	OPE-15010S	OPE-15020S	OPE-15030S	-	-	-	-	-
200V	OPE-2001S	OPE-2002S	OPE-2003S	OPE-2005S	OPE-20010S	OPE-20020S	-	-	-	-	-	-
250V	OPE-2501S	OPE-2502S	OPE-2503S	OPE-2505S	OPE-25010S	OPE-25020S	-	-	-	-	-	-
300V	OPE-3001S	OPE-3002S	OPE-3003S	OPE-3005S	OPE-30010S	-	-	-	-	-	-	-
500V	OPE-5001S	-	-	-	-	-	-	-	-	-	-	-

◎ 그외 용량은 주문형 제작

	OPE-3010S	OPE-30100S
Output rating	0~30V, 0~10A	0~30V, 0~100A
Resolution		
Programming / Readback	≤ 7.5mV / ≤ 4mA	≤ 7.5mV / ≤ 25mA
Display Meter	100mV / 100mA	100mV / 1A
Programming Accuracy(@25°C±5°C)±(%of output + offset)		
Voltage	0.2% + 200mV	0.2% + 200mV
Current	0.2% + 50mA	0.2% + 500mA
Read-Back Accuracy(@25°C±5°C)±(%of output + offset)		
Voltage	0.2% + 200mV	0.2% + 200mV
Current	0.2% + 50mA	0.2% + 500mA
Ripple & Noise	≤ 2mVp-p, ≤ 3mA _{rms}	≤ 10mVp-p, ≤ 10mA _{rms}
Load Regulation	0.1% + 4mV, 0.01% + 1mA	0.01% + 30mV, 0.01% + 10mA
Line Regulation	0.1% + 4mV, 0.01% + 2mA	0.01% + 30mV, 0.01% + 10mA
Command Processing Time	< 20ms	< 20ms
Voltage Programming Speed(No load)		
Rising time	≤ 120ms	≤ 120ms
Falling time	≤ 3.6s	≤ 3.6s
Dimension(W x H x D / mm)	213 x 88 x 362	426 x 265 x 650(8U)
Transient Response Time	Less than 50μs for output to recover to within 15mV Following a change in output current full load to half load or vice versa	
Common detail	RS-232C	