

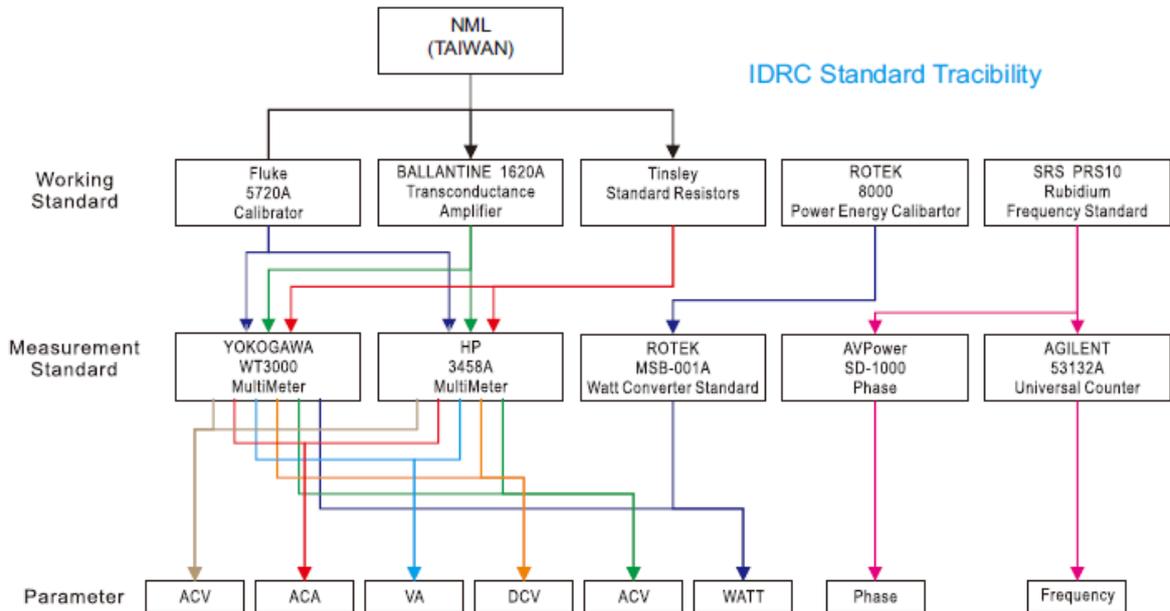
High Density High Resolution

Programmable
DC Power Supply



품질보장 (Guaranty)

IDRC 는 개발과 생산에서 정밀한 계측기를 사용하여 제품의 고품질을 보장합니다.



개발 혁신(Innovation)

여러해 동안 연구개발 하면서 34개의 국내(대만)외 특허를 취득하였으며 진행중인 내용도 다수 있습니다.



DSP-HD / HR Programmable DC power supply



Features

- 112 가지의 다양한 모델 : 6V ~ 600V /1A ~ 400A
- Display : 5 digits(SDP-HR) , 4Digits(DSP-HD)
- 스위칭 모드, 고정밀도, 손쉬운 19인치 랙 장착
- 750W (1U) , 1.5kW(1U/2uH),3kw(2U)
- 입력전압
1U/1UH/2UH : 100~240VAC, 50Hz/60Hz,1P2W+GND
2U : 190~240VAC 50Hz/60Hz,1P2W+GND
- 정전압(CV),정전류(CC) 모드 지원
- 고해상도의 설계 디자인 :
출력전압/전류 설정 (16bit D/A)
출력전압/전류 측정 (24bit A/D)
- 직병렬 연결 : 직렬연결(2대), 병렬연결(Max5대)
- 보호기능 : OVP,OCP,OTP
- 역률(Power factor) 보정기능
- 저장 메모리 16개
- 전원을 끄기 이전의 마지막 패널 설정 상태 저장
- Key Lock 기능
- 3개의 RISC Micro controller 내장
- 원격센싱(max 5V보상) 내장
- RS485 interface (기본), GPIB(옵션),LAN(option)
- RS485 전송속도 : Max 115200bps
- FAN 속도 제어
- DC 출력 On/Off
- CE 인증

DSP-HR 5 Digits Panel



DSP-HD 4 Digits Panel



Traditional power supply

1/8 size 1/7 weight

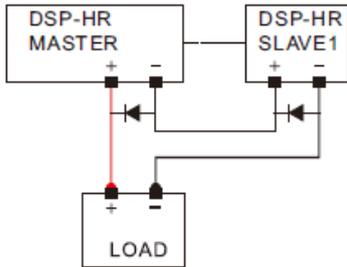
Octuple capacity



Functions :

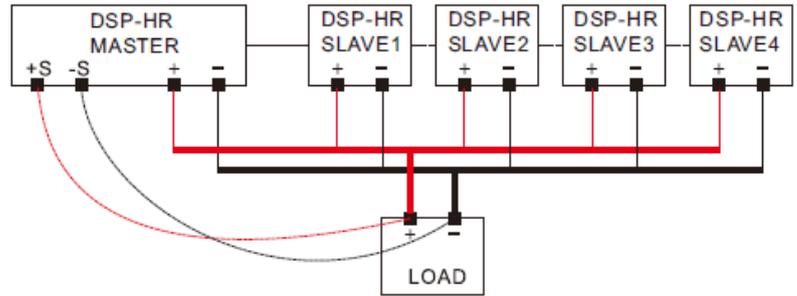
Series(직렬)

출력전압을 높이기 위하여 같은 모델을 직렬연결 한다.



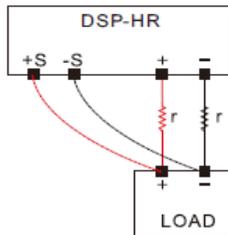
Parallel(병렬)

부하가 전류를 초과하는 경우 최대 5대 연결 가능하다. 부하의 전류가 적은 경우 전력 소모를 방지하기 위하여 나머지는 off 연결한 한대가 다운되더라도 나머지가 전류를 분할 공급한다.



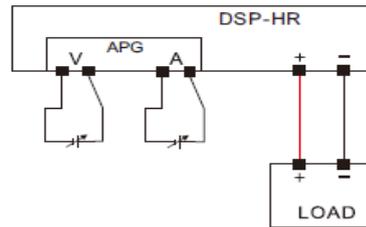
Remote Sensing

출력리드선 저항에 의한 전압강하를 방지함.



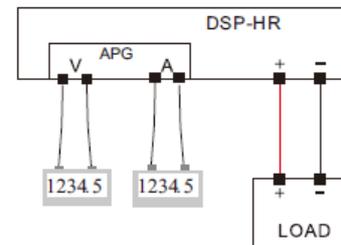
Analog Control V/A

출력전압 혹은 제어를 외부의 전압을 통하여 제어가능



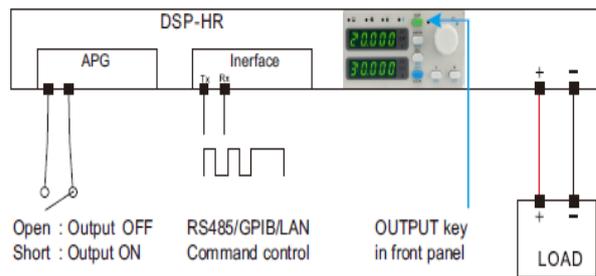
Analog Monitor V/A

APG 컨넥터를 통하여 출력전압.전류 체크 가능



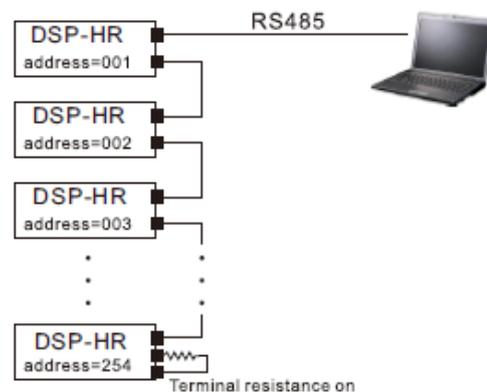
On/Off 제어

다양한 제어를 통한 출력On/Off



RS485/GPIB/LAN 연결

RS485 : Max 254 대, GPIB : MAX 30 대, LAN. : 무한대



Specification :
DSP-HD 1UH 750W Series

Output		Model	Ripple		Line regulation		Load regulation		Response time(S)			Remote Sense (V)	Size
CV	CC		CV	CC	CV	CC	CV	CC	Full Load	Full Load	No Load		
V	A		mV	mA	0.05%	0.1%	0.05%	0.1%	UP	Down	Down		
0 - 6	0 - 100	DSP-006-100HD	10	180	2.8	11	2.8	23	0.08	0.05	0.6	1	1UH
0 - 8	0 - 90	DSP-008-090HD	10	180	2.8	11	2.8	23	0.08	0.05	0.6	1	1UH
0 - 12.5	0 - 60	DSP-012.5-060HD	10	120	4	8.5	4	18	0.08	0.05	0.8	1	1UH
0 - 20	0 - 38	DSP-020-038HD	10	76	4	5.8	4	12.6	0.08	0.05	0.8	1	1UH
0 - 30	0 - 25	DSP-030-025HD	10	63	5	4.5	5	10	0.08	0.08	0.9	1.5	1UH
0 - 40	0 - 19	DSP-040-019HD	10	48	6	3.9	6	8.8	0.08	0.08	1	2	1UH
0 - 50	0 - 15	DSP-050-015HD	10	43	8	3.6	8	8.2	0.08	0.08	1.1	2	1UH
0 - 60	0 - 12.5	DSP-060-12.5HD	10	38	8	3.25	8	7.5	0.08	0.08	1.1	3	1UH
0 - 80	0 - 9.5	DSP-080-09.5HD	10	29	10	2.95	10	6.9	0.15	0.15	1.2	4	1UH
0 - 100	0 - 7.5	DSP-100-07.5HD	10	23	12	2.75	12	6.5	0.15	0.15	1.5	5	1UH
0 - 150	0 - 5	DSP-150-005HD	16	18	17	2.5	17	6	0.15	0.15	2	5	1UH
0 - 300	0 - 2.5	DSP-300-02.5HD	25	13	32	2.25	32	5.5	0.15	0.15	3	5	1UH
0 - 350	0 - 2.1	DSP-350-02.1HD	25	13	32	2.25	32	5.5	0.15	0.15	3	5	1UH
0 - 600	0 - 1.25	DSP-600-01.25HD	75	8	62	2.13	62	5.26	0.25	0.3	4	5	1UH

DSP-HD 1U 1500W Series

Output		Model	Ripple		Line regulation		Load regulation		Response time(S)			Remote Sense (V)	Size
CV	CC		CV	CC	CV	CC	CV	CC	Full Load	Full Load	No Load		
V	A		mV	mA	0.05%	0.1%	0.05%	0.1%	UP	Down	Down		
0 - 6	0 - 200	DSP-006-200HD	15	360	2.8	18.5	2.8	38	0.08	0.05	0.6	1	1U
0 - 8	0 - 180	DSP-008-180HD	15	360	2.8	18.5	2.8	38	0.08	0.05	0.6	1	1U
0 - 12.5	0 - 120	DSP-012.5-120HD	15	248	3.4	14.5	4	28	0.08	0.05	0.8	1	1U
0 - 20	0 - 76	DSP-020-076HD	15	152	4	9.6	4	20.2	0.08	0.05	0.8	1	1U
0 - 30	0 - 50	DSP-030-050HD	15	125	5	7	5	15	0.08	0.08	0.9	1.5	1U
0 - 40	0 - 38	DSP-040-038HD	15	95	6	5.8	6	12.6	0.08	0.08	1	2	1U
0 - 50	0 - 30	DSP-050-030HD	15	85	7	5.2	7	11.4	0.08	0.08	1.1	2	1U
0 - 60	0 - 25	DSP-060-025HD	15	75	8	4.5	8	10	0.08	0.08	1.1	3	1U
0 - 80	0 - 19	DSP-080-019HD	15	57	10	3.9	10	8.8	0.15	0.15	1.2	4	1U
0 - 100	0 - 15	DSP-100-015HD	15	45	12	3.5	12	8	0.15	0.15	1.5	5	1U
0 - 150	0 - 10	DSP-150-010HD	24	45	12	3.5	12	8	0.15	0.15	2	5	1U
0 - 300	0 - 5	DSP-300-005HD	38	25	32	2.5	32	6	0.15	0.15	3	5	1U
0 - 350	0 - 4.2	DSP-350-04.2HD	38	25	32	2.5	32	6	0.15	0.15	3	5	1U
0 - 600	0 - 2.5	DSP-600-02.5HD	113	15	62	2.26	62	5.5	0.25	0.3	4	5	1U

DSP-HDB 2UH 1500W Series

Output		Model	Ripple		Line regulation		Load regulation		Response time(S)			Remote Sense (V)	Size
CV	CC		CV	CC	CV	CC	CV	CC	Full Load	Full Load	No Load		
V	A		mV	mA	0.05%	0.1%	0.05%	0.1%	UP	Down	Down		
0 - 6	0 - 200	DSP-006-200HDB	15	360	2.8	18.5	2.8	38	0.08	0.05	0.6	1	2UH
0 - 8	0 - 180	DSP-008-180HDB	15	360	2.8	18.5	2.8	38	0.08	0.05	0.6	1	2UH
0 - 12.5	0 - 120	DSP-012.5-120HDB	15	248	3.4	14.5	4	28	0.08	0.05	0.8	1	2UH
0 - 20	0 - 76	DSP-020-076HDB	15	152	4	9.6	4	20.2	0.08	0.05	0.8	1	2UH
0 - 30	0 - 50	DSP-030-050HDB	15	125	5	7	5	15	0.08	0.08	0.9	1.5	2UH
0 - 40	0 - 38	DSP-040-038HDB	15	95	6	5.8	6	12.6	0.08	0.08	1	2	2UH
0 - 50	0 - 30	DSP-050-030HDB	15	85	7	5.2	7	11.4	0.08	0.08	1.1	2	2UH
0 - 60	0 - 25	DSP-060-025HDB	15	75	8	4.5	8	10	0.08	0.08	1.1	3	2UH
0 - 80	0 - 19	DSP-080-019HDB	15	57	10	3.9	10	8.8	0.15	0.15	1.2	4	2UH
0 - 100	0 - 15	DSP-100-015HDB	15	45	12	3.5	12	8	0.15	0.15	1.5	5	2UH
0 - 150	0 - 10	DSP-150-010HDB	24	45	12	3.5	12	8	0.15	0.15	2	5	2UH
0 - 300	0 - 5	DSP-300-005HDB	38	25	32	2.5	32	6	0.15	0.15	3	5	2UH
0 - 350	0 - 4.2	DSP-350-04.2HDB	38	25	32	2.5	32	6	0.15	0.15	3	5	2UH
0 - 600	0 - 2.5	DSP-600-02.5HDB	113	15	62	2.26	62	5.5	0.25	0.3	4	5	2UH

DSP-HD 2U 3000W Series

Output		Model	Ripple		Line regulation		Load regulation		Response time(S)			Remote Sense (V)	Size
CV	CC		CV	CC	CV	CC	CV	CC	Full Load	Full Load	No Load		
V	A		mV rms	mA rms	0.05% +mV	0.1% +mA	0.05% +mV	0.1% +mA	UP	Down	Down		
0 - 6	0 - 400	DSP-006-400HD	23	1000	2.8	42	6.2	85	0.08	0.02	0.5	1	2U
0 - 8	0 - 360	DSP-008-360HD	23	1000	2.8	42	6.2	85	0.08	0.02	0.5	1	2U
0 - 12.5	0 - 240	DSP-012.5-240HD	23	800	3.2	29	7.1	60	0.08	0.1	0.8	1	2U
0 - 20	0 - 150	DSP-020-150HD	23	600	4	18.5	8	38	0.08	0.1	0.8	1	2U
0 - 30	0 - 100	DSP-030-100HD	23	310	5	13	9.5	27	0.08	0.16	0.9	1.5	2U
0 - 40	0 - 76	DSP-040-076HD	23	250	6	10.5	11	22	0.08	0.16	1	2	2U
0 - 50	0 - 60	DSP-050-060HD	23	200	7	9	13	19	0.08	0.16	1.1	2	2U
0 - 60	0 - 50	DSP-060-050HD	23	150	8	7.5	14	16	0.08	0.16	1.1	3	2U
0 - 80	0 - 38	DSP-080-038HD	23	110	10	6.2	17	13.4	0.15	0.3	1.2	4	2U
0 - 100	0 - 30	DSP-100-030HD	23	90	12	5.3	20	11.6	0.15	0.3	1.5	5	2U
0 - 150	0 - 20	DSP-150-020HD	36	90	17	4.2	27.5	9.4	0.15	0.3	2	5	2U
0 - 300	0 - 10	DSP-300-010HD	57	50	32	3.1	50	7.2	0.15	0.3	3.5	5	2U
0 - 350	0 - 8.4	DSP-350-08.4HD	57	50	32	3.1	50	7.2	0.15	0.3	3.5	5	2U
0 - 600	0 - 5	DSP-600-005HD	170	30	62	2.55	95	6.1	0.25	0.5	4	5	2U

DSP-HR 1UH 750W Series

Output		Model	Ripple		Line regulation		Load regulation		Response time(S)			Remote Sense (V)	Size
CV	CC		CV	CC	CV	CC	CV	CC	Full Load	Full Load	No Load		
V	A		mV rms	mA rms	0.05% +mV	0.1% +mA	0.05% +mV	0.1% +mA	UP	Down	Down		
0 - 6	0 - 100	DSP-006-100HR	10	180	2.8	11	2.8	23	0.08	0.05	0.6	1	1UH
0 - 8	0 - 90	DSP-008-090HR	10	180	2.8	11	2.8	23	0.08	0.05	0.6	1	1UH
0 - 12.5	0 - 60	DSP-012.5-060HR	10	120	4	8.5	4	18	0.08	0.05	0.8	1	1UH
0 - 20	0 - 38	DSP-020-038HR	10	76	4	5.8	4	12.6	0.08	0.05	0.8	1	1UH
0 - 30	0 - 25	DSP-030-025HR	10	63	5	4.5	5	10	0.08	0.08	0.9	1.5	1UH
0 - 40	0 - 19	DSP-040-019HR	10	48	6	3.9	6	8.8	0.08	0.08	1	2	1UH
0 - 50	0 - 15	DSP-050-015HR	10	43	8	3.6	8	8.2	0.08	0.08	1.1	2	1UH
0 - 60	0 - 12.5	DSP-060-012.5HR	10	38	8	3.25	8	7.5	0.08	0.08	1.1	3	1UH
0 - 80	0 - 9.5	DSP-080-09.5HR	10	29	10	2.95	10	6.9	0.15	0.15	1.2	4	1UH
0 - 100	0 - 7.5	DSP-100-07.5HR	10	23	12	2.75	12	6.5	0.15	0.15	1.5	5	1UH
0 - 150	0 - 5	DSP-150-005HR	16	18	17	2.5	17	6	0.15	0.15	2	5	1UH
0 - 300	0 - 2.5	DSP-300-02.5HR	25	13	32	2.25	32	5.5	0.15	0.15	3	5	1UH
0 - 350	0 - 2.1	DSP-350-02.1HR	25	13	32	2.25	32	5.5	0.15	0.15	3	5	1UH
0 - 600	0 - 1.25	DSP-600-01.25HR	75	8	62	2.13	62	5.26	0.25	0.3	4	5	1UH

DSP-HR 1U 1500W Series

Output		Model	Ripple		Line regulation		Load regulation		Response time(S)			Remote Sense (V)	Size
CV	CC		CV	CC	CV	CC	CV	CC	Full Load	Full Load	No Load		
V	A		mV rms	mA rms	0.05% +mV	0.1% +mA	0.05% +mV	0.1% +mA	UP	Down	Down		
0 - 6	0 - 200	DSP-006-200HR	15	360	2.8	18.5	2.8	38	0.08	0.05	0.6	1	1U
0 - 8	0 - 180	DSP-008-180HR	15	360	2.8	18.5	2.8	38	0.08	0.05	0.6	1	1U
0 - 12.5	0 - 120	DSP-012.5-120HR	15	248	3.4	14.5	4	28	0.08	0.05	0.8	1	1U
0 - 20	0 - 76	DSP-020-076HR	15	152	4	9.6	4	20.2	0.08	0.05	0.8	1	1U
0 - 30	0 - 50	DSP-030-050HR	15	125	5	7	5	15	0.08	0.08	0.9	1.5	1U
0 - 40	0 - 38	DSP-040-038HR	15	95	6	5.8	6	12.6	0.08	0.08	1	2	1U
0 - 50	0 - 30	DSP-050-030HR	15	85	7	5.2	7	11.4	0.08	0.08	1.1	2	1U
0 - 60	0 - 25	DSP-060-025HR	15	75	8	4.5	8	10	0.08	0.08	1.1	3	1U
0 - 80	0 - 19	DSP-080-019HR	15	57	10	3.9	10	8.8	0.15	0.15	1.2	4	1U
0 - 100	0 - 15	DSP-100-015HR	15	45	12	3.5	12	8	0.15	0.15	1.5	5	1U
0 - 150	0 - 10	DSP-150-010HR	24	45	12	3.5	12	8	0.15	0.15	2	5	1U
0 - 300	0 - 5	DSP-300-005HR	38	25	32	2.5	32	6	0.15	0.15	3	5	1U
0 - 350	0 - 4.2	DSP-350-04.2HR	38	25	32	2.5	32	6	0.15	0.15	3	5	1U
0 - 600	0 - 2.5	DSP-600-02.5HR	113	15	62	2.26	62	5.5	0.25	0.3	4	5	1U

Specification :

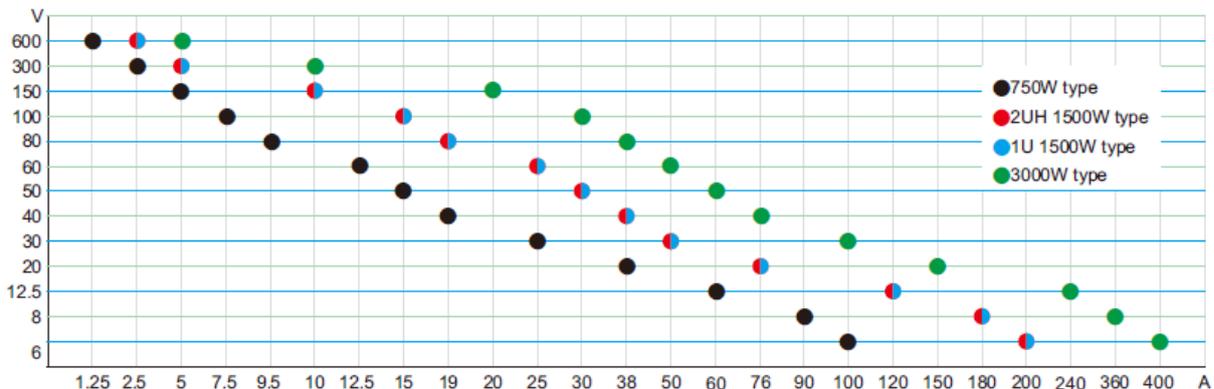
DSP-HRB 2UH 1500W Series

Output		Model	Ripple		Line regulation		Load regulation		Response time(S)			Remote Sense (V)	Size
CV	CC		CV	CC	CV	CC	CV	CC	Full Load UP	Full Load Down	No Load Down		
V	A		mV rms	mA rms	0.05% +mV	0.1% +mA	0.05% +mV	0.1% +mA					
0 - 6	0 - 200	DSP-006-200HRB	15	360	2.8	18.5	2.8	38	0.08	0.05	0.6	1	2UH
0 - 8	0 - 180	DSP-008-180HRB	15	360	2.8	18.5	2.8	38	0.08	0.05	0.6	1	2UH
0 - 12.5	0 - 120	DSP-012.5-120HRB	15	248	3.4	14.5	4	28	0.08	0.05	0.8	1	2UH
0 - 20	0 - 76	DSP-020-076HRB	15	152	4	9.6	4	20.2	0.08	0.05	0.8	1	2UH
0 - 30	0 - 50	DSP-030-050HRB	15	125	5	7	5	15	0.08	0.08	0.9	1.5	2UH
0 - 40	0 - 38	DSP-040-038HRB	15	95	6	5.8	6	12.6	0.08	0.08	1	2	2UH
0 - 50	0 - 30	DSP-050-030HRB	15	85	7	5.2	7	11.4	0.08	0.08	1.1	2	2UH
0 - 60	0 - 25	DSP-060-025HRB	15	75	8	4.5	8	10	0.08	0.08	1.1	3	2UH
0 - 80	0 - 19	DSP-080-019HRB	15	57	10	3.9	10	8.8	0.15	0.15	1.2	4	2UH
0 - 100	0 - 15	DSP-100-015HRB	15	45	12	3.5	12	8	0.15	0.15	1.5	5	2UH
0 - 150	0 - 10	DSP-150-010HRB	24	45	12	3.5	12	8	0.15	0.15	2	5	2UH
0 - 300	0 - 5	DSP-300-005HRB	38	25	32	2.5	32	6	0.15	0.15	3	5	2UH
0 - 350	0 - 4.2	DSP-350-04.2HRB	38	25	32	2.5	32	6	0.15	0.15	3	5	2UH
0 - 600	0 - 2.5	DSP-600-02.5HRB	113	15	62	2.26	62	5.5	0.25	0.3	4	5	2UH

DSP-HR 2U 3000W Series

Output		Model	Ripple		Line regulation		Load regulation		Response time(S)			Remote Sense (V)	Size
CV	CC		CV	CC	CV	CC	CV	CC	Full Load UP	Full Load Down	No Load Down		
V	A		mV rms	mA rms	0.05% +mV	0.1% +mA	0.05% +mV	0.1% +mA					
0 - 6	0 - 400	DSP-006-400HR	23	1000	2.8	42	6.2	85	0.08	0.02	0.5	1	2U
0 - 8	0 - 360	DSP-008-360HR	23	1000	2.8	42	6.2	85	0.08	0.02	0.5	1	2U
0 - 12.5	0 - 240	DSP-012.5-240HR	23	800	3.2	29	7.1	60	0.08	0.1	0.8	1	2U
0 - 20	0 - 150	DSP-020-150HR	23	600	4	18.5	8	38	0.08	0.1	0.8	1	2U
0 - 30	0 - 100	DSP-030-100HR	23	310	5	13	9.5	27	0.08	0.16	0.9	1.5	2U
0 - 40	0 - 76	DSP-040-076HR	23	250	6	10.5	11	22	0.08	0.16	1	2	2U
0 - 50	0 - 60	DSP-050-060HR	23	200	7	9	13	19	0.08	0.16	1.1	2	2U
0 - 60	0 - 50	DSP-060-050HR	23	150	8	7.5	14	16	0.08	0.16	1.1	3	2U
0 - 80	0 - 38	DSP-080-038HR	23	110	10	6.2	17	13.4	0.15	0.3	1.2	4	2U
0 - 100	0 - 30	DSP-100-030HR	23	90	12	5.3	20	11.6	0.15	0.3	1.5	5	2U
0 - 150	0 - 20	DSP-150-020HR	36	90	17	4.2	27.5	9.4	0.15	0.3	2	5	2U
0 - 300	0 - 10	DSP-300-010HR	57	50	32	3.1	50	7.2	0.15	0.3	3.5	5	2U
0 - 350	0 - 8.4	DSP-350-08.4HR	57	50	32	3.1	50	7.2	0.15	0.3	3.5	5	2U
0 - 600	0 - 5	DSP-600-005HR	170	30	62	2.55	95	6.1	0.25	0.5	4	5	2U

Models reference chart



Panel setting resolution	DSP-HR : 5 digits ; DSP-HD : 4 digits
Panel display resolution	DSP-HR : 5 digits ; DSP-HD : 4 digits
Panel setting accuracy	Voltage : $\pm 0.1\% \pm 3C$ at rated voltage Current : $\pm 0.5\% \pm 3C$ at rated current
Panel display accuracy	Voltage : $\pm 0.2\% \pm 3C$ at rated voltage Current : $\pm 0.5\% \pm 3C$ at rated current.
Command setting resolution	$\pm 0.002\%$ of full scale
Command reading resolution	$\pm 0.002\%$ of full scale
Command & DA setting accuracy	Voltage: $\pm 0.1\% \pm 3C$ at rated voltage Current: $\pm 0.5\% \pm 3C$ at rated current
Command & AD Measurement accuracy	Voltage: $\pm 0.2\% \pm 2C$ at rated voltage (Average Measurement) Current: $\pm 0.5\% \pm 3C$ at rated current (Average Measurement)
Analog setting accuracy(V)	Constant Voltage mode(CV) : Voltage $\pm 5\%$; Current $\pm 5\%$ Constant Current mode(CC) : Voltage $\pm 5\%$; Current $\pm 5\%$
Analog monitor accuracy(V)	Rated voltage output : $10.00V \pm 0.25V$; Zero voltage output : $0.00V \pm 0.25V$ Rated current output : $10.00V \pm 0.25V$; Zero current output : $0.00V \pm 0.25V$
CV Temp. Coefficient	100ppm/°C of rated output voltage, after 30 minutes warm-up
CC Temperature drift	0.05% of rated Vout over 8hrs interval following 30 minutes warm-up. Constant line, load & temp.
Protective functions	Programmable over voltage protection(POVP), Programmable over current protection(POCP), Over temperature protection(OTP), Fuse blown protection
Command response time	$\leq 20ms$ (After received) (Note 2)
Transient response time	Constant voltage mode : 20V and under $\leq 1.5ms$; 30V~100V $\leq 1ms$; 150V~600V $\leq 2ms$;
Output ramp up time	0.1~99.9 sec.
Output ramp down time	0.1~99.9 sec. (Note 3)
Input voltage	750W / 1500W type : 100~240Vac, 50/60Hz 3000W type : Max. 190~240Vac, 50/60Hz
Input current (Full load)	750W type : 115Vac - 8.1A ; 230Vac - 4.1A 1500W type : 115Vac - 16.2A ; 230Vac - 8.1A 3000W type : 230Vac - 15.6A
Inrush current	750W type : 230Vac - 12.5A 1500W type : 230Vac - 25A 3000W type : 230Vac - 50A
Efficiency	750W type : 76% - 87% ; 1500W type : 77% - 88% ; 3000W type : 82% - 88%
Power Factor (PF)	0.99 (at 115Vac, rated output)
Withstand voltage	Input-Output - AC2000V:1 minute Input-Ground - AC2000V:1 minute
Output polarity	positive (+) or negative (-) connect to Ground
Cooling	Forced air by speed controlled fan
Noise	50 ~ 70 dB(A)(Different by type and load)
Weight	1UH type : approx 5.1 kg 1U type : approx 9.0 kg 2UH type : approx 8.2 kg 2U type : approx 15.1 kg
Operating environment	Temperature : 0~40°C ; Humidity : 30%~90% RH(no condensation)
Store environment	Temperature : -20~70°C ; Humidity : 10%~90% RH(no condensation)
EMI and Safety Certifications	CE Mark- full compliance with LVD and EMC directives

Note 1 : All specifications are subject to change without notice.

Note 2 : Programming time = Command response time + Output response time, The output response time is differ according to different models, from 40ms ~ 200ms.

Note 3 : Actual ramp down time will be different in different models.

Front Panel Description

1UH Series



1U Series



2UH Series

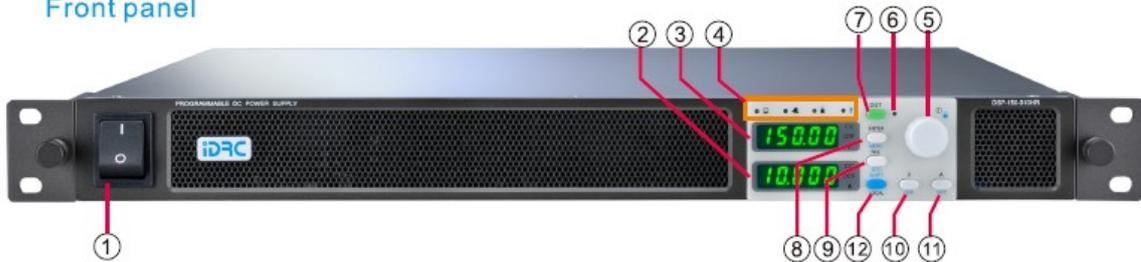


2U Series

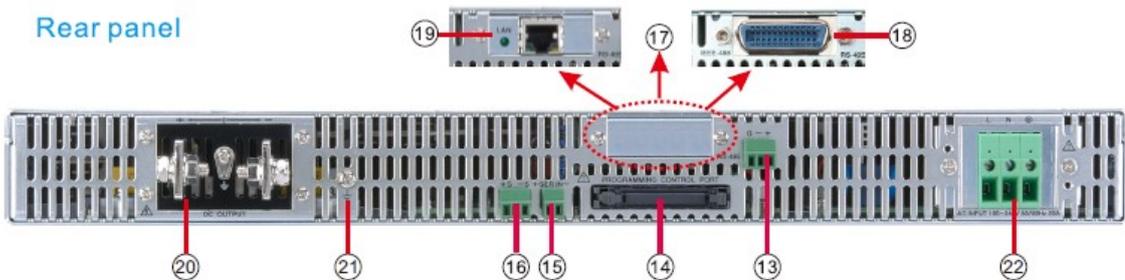


Front Panel and Rear Panel Description :

Front panel



Rear panel



Front Panel Function Description

- | | |
|----------------------------------|------------------------------------|
| 1. Power switch | 9. RCL & STO bifunctional key |
| 2. Current display | 10. V set & OVP bifunctional key |
| 3. Voltage display | 11. A set & OCP bifunctional key |
| 4. Operation status indicators | 12. SHIFT & LOCAL bifunctional key |
| 5. Encoder | |
| 6. Output ON/OFF indicator | |
| 7. Output ON/OFF key | |
| 8. ENTER & MENU bifunctional key | |

Rear Panel Function Description

- | |
|---|
| 13. RS-485 interface |
| 14. Analog Programming interface |
| 15. Analog programming auxiliary interface |
| 16. Remote sense terminal |
| 17. Blank (DSP-HD Std.) |
| 18. IEEE 488 (GPIB) interface (DSP-HR Std.) |
| 19. LAN (LXI) interface (Optional) |
| 20. output terminals (Note 3) |
| 21. Grounding terminal |
| 22. AC input |

Note 3 : Different output terminals depend on different capacities.

Rear Panel :

1UH Series
6V~100V



1UH Series
150V ~ 600V



2UH Series
6V~100V



2UH Series
150V ~ 600V



1U Series
6V~100V



1U Series
150V ~ 600V



2U Series
6V~100V



2U Series
150V ~ 600V



Dimensions : (mm)

The sizes in below table not including the encoder, handles, connectors...etc.

Unit	1UH	1U	2UH	2U
W	215	430	215	430
H	44.5	44.5	89	89
D	470	470	470	470

