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ELECTRONICS

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Jameco Part Number 301955

MODEL EXPLANATION:

HY XX XX X - X
① ② ③ ④ ⑤

- ① Products of MASTEC
- ② Output voltage numbers
- ③ Output current numbers
- ④ no: LED display
D: LCD display
C: two pointer meters display
S: four pointer meters display
- ⑤ no: single output voltage current regulated
2: double output voltage current regulated
3: double output voltage current regulated + fixed 5V3A



MODEM	HY3002D-2	HY3003D-2	HY3005D-2
Input Voltage	110/220V ± 10%AC		
Output Voltage	2×0 ~ 30V		
Output Current	2×0 ~ 2A	2×0 ~ 3A	2×0 ~ 5A
Source Effect	CV ≤ 0.01% ± 1mV; CC ≤ 0.02% ± 1mA		
Load Effect	CV ≤ 0.01% ± 5mV; CC ≤ 0.02% ± 5mA		
Ripple & Noise	≤ 1mVrms		
Display	Four 3 1/2 digit LCD display		
Accuracy	V: ± 1% ± 2digits; C: ± 2% ± 2digits		
Size	365×265×164mm		
Weight	8 ~ 12kg		



MODEM	HY3002-2	HY3003-2	HY3005-2	HY5002-2	HY5003-2
Input Voltage	110/220V ± 10%AC				
Output Voltage	2×0 ~ 30V			2×0 ~ 50V	
Output Current	2×0 ~ 2A	2×0 ~ 3A	2×0 ~ 5A	2×0 ~ 2A	2×0 ~ 3A
Source Effect	CV ≤ 0.01% ± 1mV; CC ≤ 0.01% ± 1mA				
Load Effect	≤ 0.01% ± 5mV			≤ 0.01% ± 15mV	
Ripple & Noise	≤ 1mVrms				
Display	Two 3 1/2 digit LED display				
Accuracy	V: ±1% ± 2digits C: ± 2% ± 2digits				
Size	365×265×164mm				
Weight	8 ~ 12kg				



MODEM	HY3002C-2	HY3003C-2	HY3005C-2
Input Voltage	110/220V $\pm$ 10%AC		
Output Voltage	2 $\times$ 0 ~30V		
Output Current	2 $\times$ 0 ~ 2A	2 $\times$ 0 ~ 3A	2 $\times$ 0 ~ 5A
Source Effect	CV $\leq$ 0.01% $\pm$ 1mV; CC $\leq$ 0.02% $\pm$ 1mA		
Load Effect	CV $\leq$ 0.01% $\pm$ 5mV; CC $\leq$ 0.02% $\pm$ 5mA		
Ripple & Noise	$\leq$ 1mVrms		
Display	Two voltmeters & amperometers display		
Accuracy	2.5%f.s.		
Size	365 $\times$ 265 $\times$ 164mm		
Weight	8 ~ 12kg		



MODEM	HY3002D-3	HY3003D-3	HY3005D-3
Input Voltage	110/220V $\pm$ 10%AC		
Output Voltage	2 $\times$ 0~30V		
Output Current	2 $\times$ 0~2A	2 $\times$ 0~3A	2 $\times$ 0~5A
Source Effect	CV $\leq$ 0.01% $\pm$ 1mV; CC $\leq$ 0.02% $\pm$ 1mA		
Load Effect	CV $\leq$ 0.01% $\pm$ 5mV; CC $\leq$ 0.02% $\pm$ 5mA		
Ripple & Noise	$\leq$ 1mVrms		
Fixed Output	5V/3A		
Display	Four 3 1/2 digit LCD display		
Accuracy	V: $\pm$ 1% $\pm$ 2digits; C: $\pm$ 2% $\pm$ 2digits		
Size	365 $\times$ 265 $\times$ 164mm		
Weight	8~12kg		



MODEM	HY3002-3	HY3003-3	HY3005-3
Input Voltage	110/220V $\pm$ 10%AC		
Output Voltage	0~30V		
Output Current	2 $\times$ 0~2A	2 $\times$ 0~3A	2 $\times$ 0~5A
Source Effect	CV $\leq$ 0.01% $\pm$ 1mV; CC $\leq$ 0.02% $\pm$ 1mA		
Load Effect	CV $\leq$ 0.01% $\pm$ 5mV; CC $\leq$ 0.02% $\pm$ 5mA		
Ripple & Noise	$\leq$ 1mVrms		
Fixed Output	5V/3A		
Display	Two 3 1/2 digit LED display		
Accuracy	V: $\pm$ 1% $\pm$ 2digits; C: $\pm$ 2% $\pm$ 2digits		
Size	365 $\times$ 265 $\times$ 164mm		

Power Supply

HY30XX-X Series

Weight	8~13kg
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