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ELECTRONICS

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Jameco Part Number 301947

### 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				

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 Room 1404, 1759 North Zhongshan Road, Putuo District,  
 Shanghai, China



MODEM	HY3002C-2	HY3003C-2	HY3005C-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	Two voltmeters & amperometers display		
Accuracy	2.5%f.s.		
Size	365×265×164mm		
Weight	8 ~ 12kg		



MODEM	HY3002D-3	HY3003D-3	HY3005D-3
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		
Fixed Output	5V/3A		
Display	Four 3 1/2 digit LCD display		
Accuracy	V: ±1%±2digits; C: ±2%±2digits		
Size	365×265×164mm		
Weight	8~12kg		



MODEM	HY3002-3	HY3003-3	HY3005-3
Input Voltage	110/220V±10%AC		
Output Voltage	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		
Fixed Output	5V/3A		
Display	Two 3 1/2 digit LED display		
Accuracy	V: ±1%±2digits; C: ±2%±2digits		
Size	365×265×164mm		

# ***Power Supply***

***HY30XX-X Series***

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Weight	8~13kg
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