

Odkaz na produkt <https://pajtech.cz/array-3662a-programovateln-napjec-zdroj-35v14-5a-rs232-progr-p-7570.html>



## ARRAY 3662A programovatelný napájecí zdroj 35V/14,5A RS232 + progr.

Včetně DPH	<b>19 311 Kč</b>
Bez DPH	<b>15 959 Kč</b>
Dostupnost	<b>Není skladem</b>
Katalogové číslo	<b>114516</b>
Výrobce	<b>Array</b>

### Popis produktu

#### Introduction

Array 366X series product, as the [high-efficient programmable switching power supply](#), is characterized by low output ripple and noise which rival traditional linear power supply. The dual lines LCD, [full function](#) keyboard and reliable rotary knob make its operation quite convenient and speedy. Supporting the SCPI commands , equipped with RS232 and GPIB interfaces, this series product is well suited for your design and test requirements.

#### Features

- Provides CV and CC operating modes, switching automatically
- The output voltage and output current are continuously adjustable from 0 to the maximum [rating](#) values
- The maximum rating current can be achieved [at 10mV](#). Equipped with SENSE terminals to compensate for the line loss
- High power factor, [high efficiency](#), wide line voltage range as well as low output ripple and noise
- Multi-group setting parameters storage and recall
- Robust, compact and convenient

SCPI (Standard Commands for Programmable Instruments) compatibility

Reliable input/output protections guarantee the [effective operation](#) in severe environment

#### Specifications

Model	3662A	3663A	3664A
Output Ratings			
Voltage	0 ~35V	0 ~80V	0 ~120V
Current	0 ~14.5A	0 ~6.5A	0 ~4.2A
Ripple and Noise [20 Hz to 20 MHz]			
Voltage			

Current		500uArms	500uArms
Common Mode Current	±1.5mArms		
Load Regulation	±Voltage		
Load Regulation	±Current		
Line Regulation	±Voltage		
Line Regulation	±Current		
Programming Accuracy			
Voltage	0.1%+5mV	0.05%+20mV	0.05%+20mV
Current	0.2%+10mA	0.15%+4mA	0.15%+4mA
Readback Accuracy			
Voltage	0.1%+5mV	0.05%+10mV	0.05%+10mV
Current	0.2%+10mA	0.15%+4mA	0.15%+4mA
Programming Resolution			
Voltage	1mV	1mV	2mV
Current	1mA	1mA	1mA
Readback Resolution			
Voltage	0.5mV	1mV	1mV
Current	1mA	1mA	1mA
Meter Resolution			
Voltage	1mV	10mV	10mV
Current	1mA	1mA	1mA
Output Programming Range	maximum programmable values		
Voltage	0~35.2V	0~80.2V	0~120.2V
Current	0~14.5A	0~6.5A	0~4.2A
Temperature Coefficient, ±% of output + offset			
Maximum change in output/readback per °C after a 30-minute warm-up			
Voltage	0.01% + 2 mV	0.01% + 3 mV	0.01% + 3 mV
Current	0.02% + 3 mA	0.02% + 0.5 mA	0.02% + 0.5 mA

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Stability,±□% of output + offset□			
Following a 30-minute warm-up,change in output over 8 hours under constant load,line and ambient temperature			
Voltage	0.03% + 1 mV	0.02% + 2 mV	0.02% + 2 mV
Current	0.1% + 3 mA	0.05% + 1 mA	0.05% + 1 mA
Output Voltage Programming Response Time			
Time for output to change from 10% to 90% of its total excursion(for resistive load).Command processing time is excluded			
Full load up	11 msec	50 msec	50 msec
Full load down	13 msec	45 msec	45 msec
No load up	10 msec	20 msec	20 msec
No load down	10 msec	10 msec	10 msec
Power Supply AC100V-240V 47Hz□63Hz 750VA Max			
Operating Temperature 0□40°C 0□80%RH			
Cooling Fan Cooled			
Output Voltage Overshoot Less than 1V			
Programming Language SCPI(Standard Commands for Programmable Instruments)			
Net Weight 5.5kg			
Dimensions 212.6mm(W)×132.6mm(H)×360mm(D) (8.4×5.2×14.2 inch)			