



Model IT6512
Programmable
Power Supply

IT6512 Programmable High Power Supply

- VFD display
- Low voltage ripple and low noise
- High resolution and accuracy (1mV/1mA)
- simulation of car engine start for automotive tests
- integrated voltage sequence according DIN 40839
- rising time and fall time adjustable
- support USB/RS232/RS485/GPIB communication interfaces



Parameter		IT6512
Output rating (0 °C - 40 °C)	Voltage	0~80V
	Current	0~60A
	Power	0~1200W
(open remote sense function) Load regulation ± (% of output+offset)	Voltage	<0.01%+5mV
	Current	≤0.1%+10mA
Line regulation ± (% of output+offset)	Voltage	<0.02%+1mV
	Current	<0.02%+1mA
Setup resolution	Voltage	1mV
	Current	1mA
Read back resolution	Voltage	1mV
	Current	1mA
Setup accuracy (within 12 months) (25°C±5°C) ± (% of output+offset)	Voltage	≤0.02%+30mV
	Current	≤0.1%+0.1%FS
Read back resolution (25°C±5°C) ± (% of output+offset)	Voltage	0.02%+30mV
	Current	≤0.1%+0.1%FS
Ripple (20Hz ~20MHz)	Voltage	≤30mVp-p
	Current	10mArms
Temp. Coefficient (0 °C ~ 40 °C) ± (% of output+offset)	Voltage	0.02%+30mV
	Current	≤0.05%+10mA
Readback Temp.Coefficient ± (% of output+offset)	Voltage	0.02%+30mV
	Current	≤0.05%+5mA
Dimension (mm)	415mmW×44mmH×500mmD	
Weight	8.5kg	

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