

Competitive Comparison

QuadTech 42000 Programmable DC Source Series,
 Xantrex XFR Series and Agilent N5700 Series

	QuadTech 42000 Programmable DC Source Series	Xantrex XFR Series	Agilent N5700 Series
Output Voltage			
Range	0-600V	0-600V	0-600V
Regulations	0.01%	2.5mV	.05%
Output Current			
Current	0-120A	0-200A	0-180A
Output Power			
Output	600W – 5000W	1200 & 2800W	750W & 1500W
Measurement			
Voltage			
Accuracy	0.05% + 0.05% F.S.	0.5% of F.S.	0.1% + Vmax/1000
Current			
Accuracy	0.1% + 0.1% F.S.	0.5% of F.S.	0.1% + I _{max} /333
Drift (8 hrs)			
Voltage	0.02% of V_{max}	0.05% of V _{max}	
Current	0.04% of I_{max}	0.05% of I _{max}	
Interfaces			
Interfaces	RS232, USB Standard	RS232 & IEE Opt.	LAN, GPIB, USB
Constant Power Region			
Constant Power Region	Yes	No	No
Power Factor Correction			
Power Factor Correction	0.95		0.99
Parallel & Serial Operation			
Parallel & Serial Operation	5 Parallel & 5 Series		4 Parallel & 2 Series
Efficiency			
Efficiency	75% - 85%	75% - 91%	