

		M340A				G340A			
Range			Accuracy	Resolution (control)	Resolution (sampling)		Accuracy	Resolution (control)	Resolution (sampling)
	Voltage Range	5V (0~ -5V available)	$\pm 0.01\%RD$ $\pm 0.01\%FS$	$\leq 50\mu V$	$\leq 10\mu V$	5V (0~ -5V available)	$\pm 0.01\%RD$ $\pm 0.01\%FS$	$\leq 50\mu V$	$\leq 10\mu V$
	Current Ranges	100uA	$\pm 0.01\%RD$ $\pm 0.01\%FS$	$\leq 1nA$	$\leq 200pA$	150uA	$\pm 0.01\%RD$ $\pm 0.01\%FS$	$\leq 1.5nA$	$\leq 300pA$
		1mA	$\pm 0.01\%RD$ $\pm 0.01\%FS$	$\leq 10nA$	$\leq 2nA$	5mA	$\pm 0.01\%RD$ $\pm 0.01\%FS$	$\leq 50nA$	$\leq 10nA$
		10mA	$\pm 0.01\%RD$ $\pm 0.01\%FS$	$\leq 100nA$	$\leq 20nA$	150mA	$\pm 0.01\%RD$ $\pm 0.01\%FS$	$\leq 1.5\mu A$	$\leq 300nA$
		100mA	$\pm 0.01\%RD$ $\pm 0.01\%FS$	$\leq 1\mu A$	$\leq 200nA$	5A	$\pm 0.01\%RD$ $\pm 0.01\%FS$	$\leq 50\mu A$	$\leq 10\mu A$
	Current	10nA ~ 100mA				15nA ~ 5A			
Channels		8Ch							
Programmable Steps		1024							
Time	Accuracy	$\leq \pm 5\mu S/S$							
	Min Step Time	20mS							

	Min Pulse Time	2mS	
	Sampling	≤10mS	
Impedance		≥10GΩ	
Temperature Drift		≤20ppm/°C	
Response		≤3mS	
Sampling		100Hz(10mS)	
		Δt, ΔI, ΔC(capacity), ΔV, ΔEnergy	
Test Control	Work Mode	Rest / CC / CV / CCCV / C-Rate / CP / CR / C-Pulse / C-Slope / DC / DV / DCDV / D-Rate / DP / DR / D-Pulse / D-Slope	
	Cut-off	TIME / VOLTAGE / CURRENT / POWER / CAPACITY / ENERGY / Cycles	
	Protective	Over voltage, Under voltage, Over current, Over rate, Over capacity, Over Charge, Over Discharge, Over power	
Power-off data buffer, Offline data buffer			
Additional Function		DCIR, Capacitance calculation, Step pulse, Three-electrode test (with reference electrode), DQ/DV	
Communication		10/100M Ethernet(RJ45) and USB(Console)	
Environment	Temperature	0~40°C (23±2°C Optimum)	
	Humidity	≤90%	
Power Supply		AC220V±10% 50Hz / AC110V±10% 60Hz, 40W	
Dimension		1U W*H*L:430*300*43.5(mm)	2U W*H*L:430*300*87(mm)