Items	Performance	Comment	IT6000B	IT6000C	IT6000D
Outstanding Performance	**High power density**	18 kW / 3U	√	√	√
	High Power range	up to 1,152 MW with 64 sets of paralleled 18 kW units	√	√	√
	Bidirectional source-sink function（regenerative）	with seamless current switching function	√	√	✕
	DC Load mode(regenerative）	activated with only one key button	√	✕	✕
	Regenerative efficiency	up to 94%	√	√	✕
	DC source mode	Source: CC/CR/CP Sink:CC/CP	√	√	only source mode,no sink funciton
	DC Load mode	CC/CR/CP/CV/CV+CC/CR+CC… dynamic mode/List mode/short mode…	√	✕	✕
	Datalog function(USB Flash disk)	sample rate: 10μs for 6 values (Vmax, Vmin, Vmean, Imax, Imin, Imean) sample capacity: depends on the USB flash disk capacity - logged values are saved directly to USB attached memory	√	√	√
	ON/OFF delay function	for example: ON delay = 3 s -> output enable after 3 s from pressing of on/off button	√	√	√
	Digital IO interface	Sync on/off, on/off status, protection indicator, trigger, inhibit on/off, pwm output (20 kHz max)	√	√	√
Common performance (as IT6500C series)	**CC、CV priority setting**	CC priority：apply to very tiny inrush current application CV priority: apply to ext-fast voltage rising application	√	√	√
	Remote Sense function	Compensate the voltage drop in wires	√	√	√
	Adjustable rising/falling slope	1ms~24h	√	√	√
	Battery DCIR simulation		√	√	√
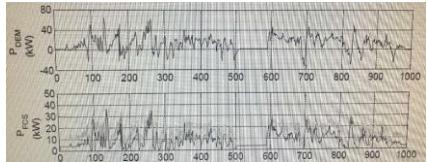
Items	Performance	Comment	IT6000B	IT6000C	IT6000D
Wave Function	**LIST function**	200 steps	✓	✓	✓
	Built-in road-vehicle waveforms	DIN40839、ISO16750-2、ISO21848、SAEJ1113-11、LV124	✓	✓	✗
	Solar panel I-V curve simulation function	the same as IT6500C series	✓	✓	✗
	Battery Mode	selectable charge/discharge mode, various stop condtion setting:stop voltage/stop current/stop capacity	✓	✓	✗
	Arbitrary waveform generator	up to 100.000 points, support csv file import	✓	✓	✗
Interface	**Analog interface(optional)**	U/I accuracy：0.2% sample rate：100 Hz	✓	✓	✓
	Communication interface	1) Built-in USB/CAN/LAN/digital IO interface 4) Optional GPIB/RS232	✓	✓	✓
Protection	**Sense reversal connection / sense suspension**		✓	✓	✓
	OVP, OCP, OPP, OTP, UCP, UVP		✓	✓	✓
	Anti-islanding protection		✓	✓	✗