


	Items	Performance	Comment	IT6000B DC source/sink (=bidirectional), regenerative	IT6000C DC source/sink (=bidirectional), regenerative	IT6000D DC source
1	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%	√	√	×
5	Outstanding Performance	DC source mode	Source: CC/CV/CP Sink:CC/CP	√	√	only source mode,no sink funciton
6		DC Load mode	CC/CR/CP/CV/CV+CC/CR+CC/CV+CR/CC+CV +CW+CR 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)	√	√	√	
7	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		√	√	√
8	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 condition setting:stop voltage/stop current/stop capacity	√	√	×

		<b>Arbitrary waveform generator</b>	 <p>up to 100.000 points, support csv file import</p>	✓	✓	✗
9	<b>Interface</b>	<b>Analog interface(optional)</b>	U/I accuracy: 0.2% sample rate: 100 Hz	✓	✓	✓
		<b>Communication interface</b>	1) Built-in USB/CAN/LAN/digital IO interface 4) Optional GPIB/RS232	✓	✓	✓
10	<b>Protection</b>	<b>Sense reversal connection / sense suspension</b>		✓	✓	✓
		<b>OVP, OCP, OPP, OTP, UCP, UVP</b>		✓	✓	✓
		<b>Anti-islanding protection</b>		✓	✓	✗