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## PeakTech® 2280 PROD-ID: P 2280

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### DC-Electronic Load with USB

This newly developed electronic load with PC interface can be used in important testing procedures for quality assurance as well as e.g. the examination of power and control equipment, batteries, fuel cells and solar cells.

For precise load control for the various applications, this device provides Constant Voltage (CV), Constant Current (CC), a Constant Resistance (CR) or a Constant Power (CP) as load control modes with a highly accurate resolution of 1mW, 1mV, 1mΩ and 1mA. In addition, the device has several automated test modes, for example a battery test or the dynamic test.

The PC interface and the Software allow freely programmable test sequences to be implemented.

- Digital controlled electronic load up to 30 A
- For DC voltages up to 360 V
- 300 W input power
- Constant-modes for voltage, current, resistance and power
- High accuracy measurement LC-display
- Battery test mode
- Dynamic load test function
- Voltage Sense Input, external Trigger Input
- Windows 2000/XP/VISTA/7/8/8.1/10
- Accessories: Power cable, Manual, USB-to-COM Adapter, Software-CD

**Availability: ex stock - subject to prior sale**



#### MANUAL

[PeakTech\\_2275\\_2280\\_02\\_2016.pdf \(1,535.8 kB\)](#)

#### PICTURES

[2280\\_L\\_freigestellt.jpg \(429.3 kB\)](#)

[2280\\_Rueckseite.jpg \(324.7 kB\)](#)

[2280\\_R\\_freigestellt.jpg \(373.4 kB\)](#)

<b>CONTANT VOLTAGE (CV) :</b>	
Resolution	1 mV (10 V) ; 10 mV (100 V) ; 100 mV (360 V)
Accuracy	+/- 0,1% + 0,03% FS
<b>CONSTANT CURRENT (CC) :</b>	
Resolution	1 mA (10 A) ; 10 mA (30 A)
Accuracy	+/- 0,1% + 0,1% FS
<b>CONSTANT RESISTANCE (CR) :</b>	
Resolution	0,001 Ω (10 Ω) ; 0.01 Ω (100 Ω); 0.1 Ω (1000 Ω); 1 Ω (4 kΩ)
Accuracy	+/-1,0% + 0,3% FS
<b>CONSTANT POWER (CP) :</b>	
Range	300 W
Resolution	1 mW (10 W) ; 10 mW (100 W) 100 mW (150 / 300 W)
Accuracy	0,1% + 0,1%FS
<b>BATTERY TEST :</b>	
Input	0.8 ~ 120 V
Max. meas. capacity	999 Ah
Resolution	10 mA
<b>DYNAMIC TEST :</b>	
Pulse width	10 ms ~ 10 s
<b>LOAD ACCURACY :</b>	
Accuracy 0- 360 V	0.1% + 0.03% FS
Accuracy 0 ~ 10 A	0.1%+0.1%FS
Accuracy 10 ~ 30 A	0.2%+0.15%FS
Interface	RS 232 / USB 2.0 Adapter
Operation voltage	110 V ~ 240 V AC (50/60 Hz)(100-150 W)
Dimension (WxHxD)	225 x 100 x 310 mm
Weight	5,5 kg

