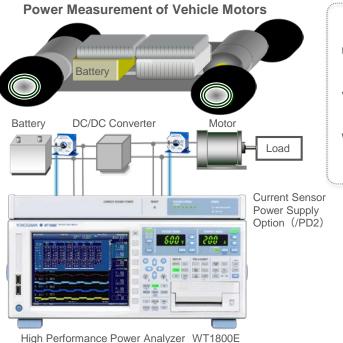


Power Measurement of Vehicle DC motors

A lot of motors are used in one vehicle. Although the power consumption of a single motor is very small, when the multiple motors work at the same time, the power consumption increases significantly.

The WT1800E has up to 6CH of direct input, and also can measure large current with the CT and current sensor power supply option (/PD2). The single phase input/output power efficiency of DC/DC converter can be evaluated accurately. In addition to measuring voltage, current, power and harmonics, the Motor Evaluation Function option (/MTR) can measure the rotation speed (A,B and Z phase) and torque as well. It can also acquire the fast changing 3 phase signals of voltage, current, power, rotation speed and torque with 5ms interval with the standard function of High Speed Data Capturing.



Equipped with 6CH Current Sensor Power Supply Option (/PD2)

W
Measurement Period

Up to 2000A
High Bandwidth DC/AC Current Sensor

CT1000 CT200 CT60

Three-phase brushless DC motor driven instruction



DC voltage, current, power and trend display

Power efficiency measurement of input/output

-		Scoling ///G	Frisq Fêter	Time	RIZ 8 0 50 873
Urnsf	101.13 _v	UrmsXA	66	.07 v	Descrit Con 1 1000 IA Con 1 1000 IA Con 1 1000 IA Con 1 I
Ires1	0.3448 A	ImsXA	0.4	494 🗚	3 US 150V
P1	18.18 🔻	PSA	13	.33 🔻	5 10 154V 12 20
S1	34.88 va	SEA	51	.42 va	6 Sync Strc 88
Q1	29.76 var	Q52A		1.35 var	B Spec Sec III
nn	50.023 Hz	uns	0.5	185 №	9 15 100mA 5pm Smith
Uthd1:	2.678 x	Uthd2	48.	743 x	11 US 300V 10 100mA Spec Sec ISI
			73.	305 x	Motor lind 20V

CT2000A