القدرة الكهربائية

La puissance électrique

1

1 1

12V) L2 (1.8W – L1 (5W– 12V)

12V

1 2

L2 L1

1.8W 5W

P

.

W

1 mW= 0, 001 W = 10-3 ▪

W

1 kW=1 000 W = 10 3 W : ▪

1 MW = 1 000 000 W = 106 W

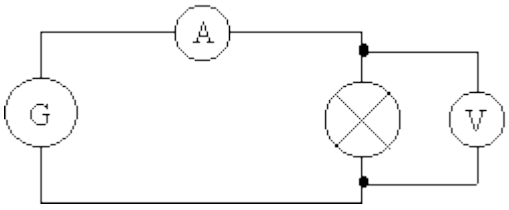
1GW=1000000000 W=109 W

GW			MW			KW			W			mW

2

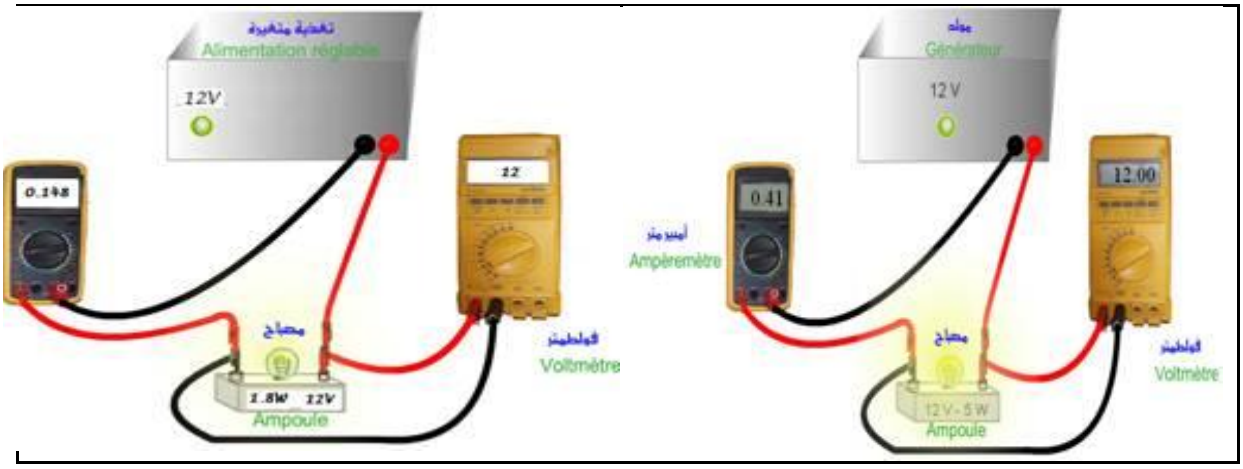
1 2

I U



A

V



U. I	I	U	
4.92W	0.41A	12V	L1 (5W – 12V)
1,776	0,148	12V	L2 (1.8W – 12V)

U. I

U P

I

$$P = U.I$$

2 2

U. I

U. I

P = U.I

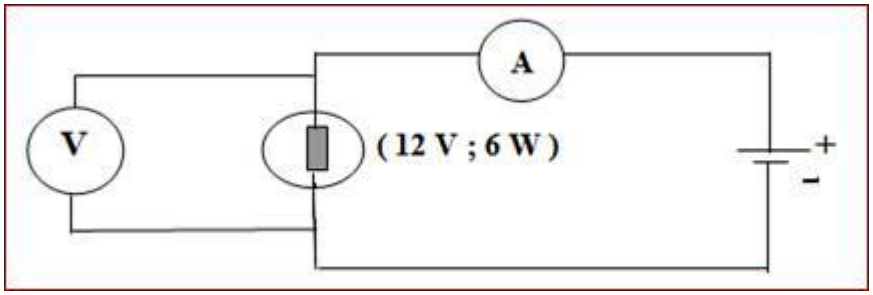
P = Ue.Ie

Ie Ue

2

La tension nominale
L'intensité nominale
La puissance nominale

:



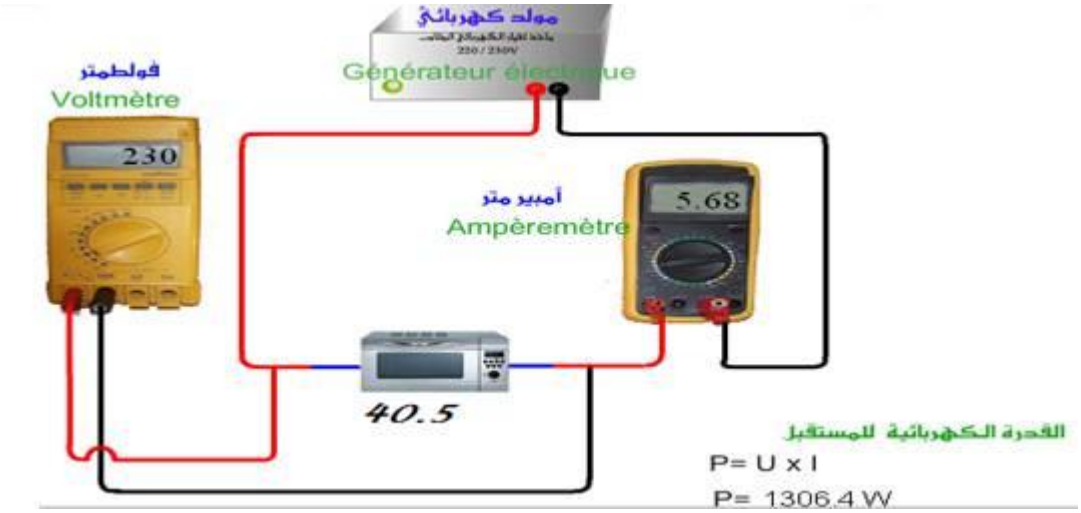
V12
W6

	U I	I (A)	U (V) :	
	0,201	0,0335	6 ,00	
	6,07	0,0506	12,00	
	6,994	0,0538	13,00	

:

3

1



2

RI^2	P=U.I	R	I	U
1306 .62W	1306.4W	40.5	5.68A	230V

3 :

U **R**

P **I** :

$$P=RI^2$$

P=U.I : U=R.I

P=R.I.I :

$$P=RI^2$$

4

P=P1+P2+P3+.....