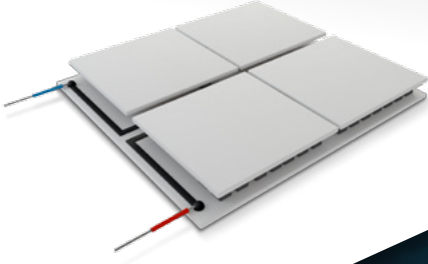


## Ferrotec Nord represents new TE power generating product line

Heavy duty TEG version



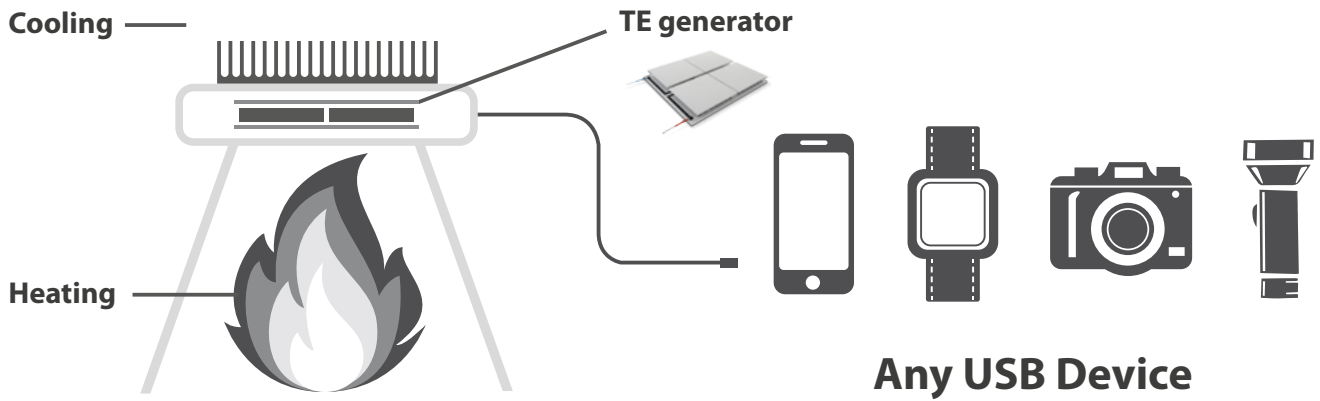
Standard TEG version



USB device charging from open fire

### 🛡️ Long life stability with high temperature.

- Modules lifetime at hot side temperatures **+230°C** is up to **4000** hours.
- Due to application of multilayer structure of diffusion barriers On/Off reliability is up to **30000** cycles.



### New power generating product line:

Module	Hot side Temperature, °C	Cold side Temperature, °C	Generated Power at matched load, W	Generated Voltage at matched load, V	Module thermal resistance, °C/W	Module dimensions, mm	Module height, mm
TMG-260-1.4-1.3 M	200	70	7.1	7.7	0.72	55x55 cold side	4.0±0.2
	230	70	9.9	6.2	0.74	55x51 hot side	
TMG-199-1.4-1.3 M	200	70	5.5	4.8	0.97	40x44 cold side	3.9±0.2
	230	70	7.7	5.9	1.0	40x40 hot side	
TMG-161-1.4-1.3 M	200	70	4.5	3.9	1.18	40x44 cold side	3.9±0.2
	230	70	6.3	4.8	1.21	40x40 hot side	
TMG-127-1.4-1.3 M	200	70	3.5	3.1	1.5	40x44 cold side	3.9±0.2
	230	70	4.9	3.8	1.54	40x40 hot side	
TMG-71-1.4-1.3 M	200	70	2.0	1.7	2.67	30x30 cold side	3.6±0.2
	230	70	2.8	2.1	2.74	30x30 hot side	
TMG-18-5.0-1.3 M	200	70	5.0	0.44	1.07	40x40 cold side	4.2±0.2
	230	70	7.0	0.53	1.1	40x40 hot side	
TMG-18-5.0-1.6 M	200	70	4.1	0.44	1.32	40x44 cold side	4.5±0.2
	230	70	5.7	0.53	1.36	40x40 hot side	
TMG-254-1.4-1.6 M	200	70	5.8	6.2	0.93	80x44 cold side	3.9±0.2
	230	70	8.0	7.6	0.95	80x40 hot side	
TMG-241-1.4-1.6 M	200	70	5.5	5.8	0.98	50x50 cold side	4.0±0.2
	230	70	7.6	7.1	1.01	50x50 hot side	
TMG-127-0.4-1.6	70	40	0.025	0.85	26.5	16x16 cold side	3.5±0.2
	90	40	0,063	1.4	27	16x16 hot side	

### Comparison of lifetime for power generating modules

