

71
4,8)
(
.2012

MP3
"2010"
2010 "
4-3 "
2010

()



nickel-metal- Lithium-ion (Li-ion)
hydride (NiMH)





AFP

(direct methanol fuel cells (DMFCs))

DMFC

Lithium-ion (Li-ion)

5

nickel-metal-hydride (NiMH)

30

Li-ion

Li-ion

NiMH

(Lead-acid batteries)

nickel-cadmium (NiCd)

Li-ion

" L.adapter) L.1000

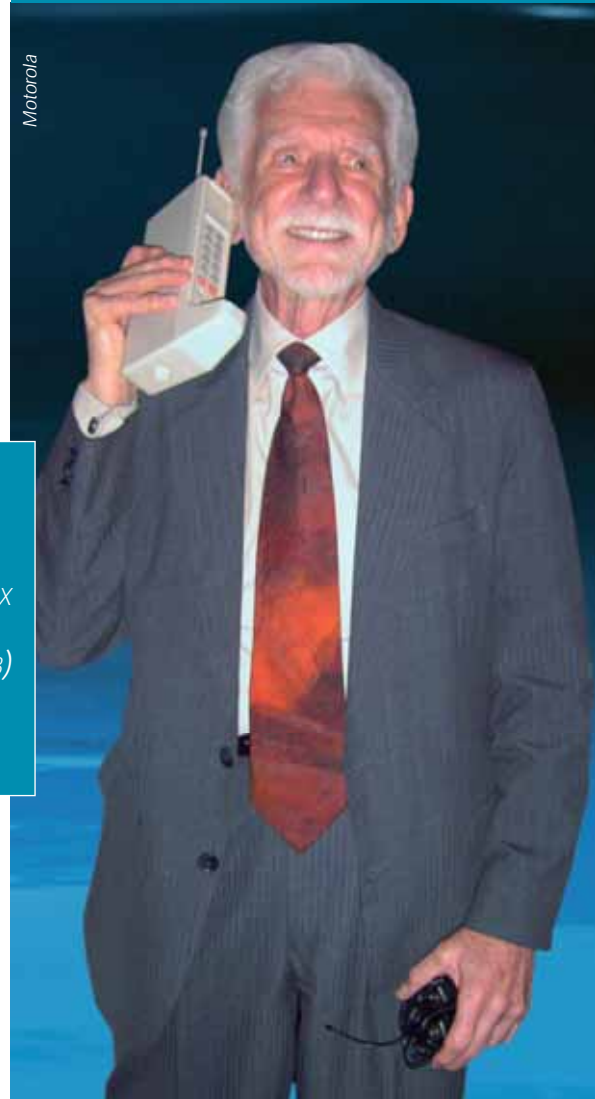
"

.1973

Martin Cooper

2007

Motorola



Motorola DynaTAC

.1983

"

(kg 0,9)

(9 × 4 × 33)

8000X

10