



ARTS ENERGY
NICKEL ENERGY SOLUTIONS

More than 40 years expertise delivered to our customers

We offer Nickel based technologies with the industries recognised high performance and quality cells in the market.

NI-MH **NI-CD**

Ni-MH TECHNOLOGY	ENERGY TYPE HIGH ENERGY DENSITY						40°C BACK UP TYPE T TYPE - VHT, ecolife MH RANGES					50°C - 55°C BACK UP TYPE U TYPE - VHT U RANGE			
	AAA	AA	4/5A	A	4/3A	4/3fatA	AA	Cs	7/5Cs	D	F	AA	Cs	7/5Cs	D
Cells size	AAA	AA	4/5A	A	4/3A	4/3fatA	AA	Cs	7/5Cs	D	F	AA	Cs	7/5Cs	D
Capacity (Ah) minimum	0,65 - 0,93	1,5 - 2,3	1,55 - 1,95	2,45	3,6	4,1	0,8 - 1,1	1,6 - 2	4	6 - 8	10 - 13	0,8 - 1,1	2	4	6

Ni-MH TECHNOLOGY	POWER TYPE HIGH DRAIN CURRENT					LARGE TEMPERATURE RANGE LARGE CYCLING, LONG LIFE TYPE										
	4/5fatA	Cs	4/3fatA	D	F	AAA	AA	4/5fatA	4/5A	A	Cs	5/4Cs	LfatA	7/5Cs	D	F
Cells size	4/5fatA	Cs	4/3fatA	D	F	AAA	AA	4/5fatA	4/5A	A	Cs	5/4Cs	LfatA	7/5Cs	D	F
Capacity (Ah) minimum	1,8	3,2	3,4 - 3,75	9,5	15	0,46 - 0,65	0,8 - 1,1	1,5	1,6	1,9	2	3	3,5	4	6 - 8	10 - 13



FDK



Ni-Cd TECHNOLOGY	POWER TYPE (HIGH DRAIN CURRENT) - VRE & VSE RANGES					40°C BACK UP TYPE T TYPE - VT, VST, VNT, ecolife RANGES			
	AA	Cs	C	D	F	AA	Cs	D	F
Cells size	AA	Cs	C	D	F	AA	Cs	D	F
Capacity (Ah) minimum	0,7 - 0,94	1,5 - 1,7	2,3	4,5 - 5	8	0,6 - 0,8	1,5 - 1,6	4	7

Ni-Cd TECHNOLOGY	55°C BACK UP TYPE U TYPE - VT, VNT U RANGES			
	Cs	C	D	F
Cells size	Cs	C	D	F
Capacity (Ah) minimum	1,6	2,5	4 - 4,2	7

We offer a comprehensive range

OF STANDARD EQUIPPED CELLS:



CELLS SLEEVED: CFG
The cell is delivered sleeved with or without washer



CELLS SLEEVED WITH LONG TABS: CLG
The cell is delivered sleeved and equipped with 2 long tabs on the same side



CELLS SLEEVED WITH SHORT TABS ON TOP AND BOTTOM: HBG
The cell is delivered sleeved and equipped with 2 short tabs on the opposite side



CELLS SLEEVED WITH SHORT TABS ON TOP: HHG
The cell is delivered sleeved and equipped with 2 tabs on the top

OF STANDARD BATTERY PACKS:

BLOC BATTERY PACK WITHOUT SLEEVE
The battery pack is built with one or 2 rows and equipped with tabs



BLOC BATTERY PACK WITH FLANGES
The battery pack is built with 2 rows and plastic flanges with tabs



BATTERY PACK WITH WIRES AND CONNECTOR
The battery pack is made with wires and connectors



STICK BATTERY PACK WITH TABS
The battery pack is built as a stick with tabs

OF STANDARD BATTERY SYSTEMS:

Extensolar (VHT)	
With BMS & communication	
12V - 36V	
10Ah - 20Ah	

Mobility (VH)	PV (VHT)
With BMS & communication	
12V - 36V	
9Ah - 30Ah	10Ah - 20Ah



Smart (VH)	Smart (VHT)
With BMS & communication	
12V - 36V	
9Ah - 30Ah	6Ah - 20Ah

Endurance L1/L2/L4 (VHT)
No electronic
12V - 48V
6Ah - 20Ah

AND ALSO CUSTOMISED BATTERY PACKS TO MATCH YOUR APPLICATION:

- Your dimensions
- Casing on demand
- Electronic development



Meet ARTS Energy

ALL OVER THE WORLD



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