



**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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