Ni-Cd batteries

Ni-Cd battery Standard & High Energy VRE / VSE series

ARTS Energy VRE standard Ni-Cd series were originally designed for cycling applications requiring a rapid charge. However, they are also suited for a wide range of applications where they offer an excellent

cost / performance ratio.
The high level of reliability provided by
ARTS Energy's standard series is timetested and well-proven, with hundreds of
millions of units delivered over years. ARTS
Energy's VSE high energy Ni-Cd series

benefit from significant technological upgrades compared with standard series. The VSE design features advanced nickel foam electrode technology to meet the fast charge and increased capacity needs of light and compact equipment.

	ARTS Energy type		IEC capacity at 0.2C rate		Standard charge (16h)	Quick or fast charge		Typical internal impedance	Max. dimensions for bare cells		Typical weight
	Nominal voltage 1,2 volts/cell	Тор	Typical [mAh]	Minimum [mAh]	Current [mA]	Current [mA]	Time [h]	[m0hm]	Diameter [mm]	Height [mm]	[g]
VRE	VRE AA 700	L	780	700	70	700	1	14	14.0	49.3	21
	VRE Cs 1600	L	1600	1500	150	1500	1	5	22.2	42.2	48
	VRE Cs 1800	L	1800	1700	170	1700	1	5	22.2	42.2	49
	VRE C	L	2550	2300	230	2300	1	5	25.3	49.5	75
	VRE 1/2 D	L	2550	2400	240	800	2-3	10	32.2	36.6	80
	VRE D	L & H	5100	4500	450	4500	1	4	32.2	58.6	140
	VRE D 5500	L	5500	5000	500	5000	1	4	32.2	58.6	150
	VRE F	L	8800	8000	800	8000	1	4	32.2	89.2	220
VSE	VSE AA	L	980	940	94	940	1	16	14.0	49.3	22

