

Polaris Lithium Serie

		Polaris Serie 24V			Polaris Serie 48V			Polaris Serie 80V		
		Nominal Capacity	Nominal Energy	Nominal Voltage	Nominal Capacity	Nominal Energy	Nominal Voltage	Nominal Capacity	Nominal Energy	Nominal Voltage
72 Ah Cells		72 Ah	1.843 Wh	25,60 V	216 Ah	11.059 Wh	51,2 V	360 Ah	29.952 Wh	83,2 V
		144 Ah	3.686 Wh	25,60 V	288 Ah	14.745 Wh	51,2 V	432 Ah	35.942 Wh	83,2 V
		216 Ah	5.529 Wh	25,60 V	360 Ah	18.432 Wh	51,2 V	504 Ah	41.933 Wh	83,2 V
		288 Ah	7.373 Wh	25,60 V	432 Ah	22.118 Wh	51,2 V	576 Ah	47.923 Wh	83,2 V
		360 Ah	9.216 Wh	25,60 V	504 Ah	25.805 Wh	51,2 V	648 Ah	53.914 Wh	83,2 V
		432 Ah	11.059 Wh	25,60 V	576 Ah	29.491 Wh	51,2 V	720 Ah	59.904 Wh	83,2 V
		504 Ah	12.902 Wh	25,60 V	648 Ah	33.177 Wh	51,2 V	792 Ah	65.894 Wh	83,2 V
		864 Ah	22.118 Wh	25,60 V	720 Ah	36.864 Wh	51,2 V	864 Ah	71.885 Wh	83,2 V
100 Ah Cells		100 Ah	2.560 Wh	25,60 V	200 Ah	10.240 Wh	51,2 V	300 Ah	24.960 Wh	83,2 V
		200 Ah	5.120 Wh	25,60 V	300 Ah	15.360 Wh	51,2 V	400 Ah	33.280 Wh	83,2 V
		300 Ah	7.680 Wh	25,60 V	400 Ah	20.480 Wh	51,2 V	500 Ah	41.600 Wh	83,2 V
		400 Ah	10.240 Wh	25,60 V	500 Ah	25.600 Wh	51,2 V	600 Ah	49.920 Wh	83,2 V
		500 Ah	12.800 Wh	25,60 V	600 Ah	30.720 Wh	51,2 V	700 Ah	58.240 Wh	83,2 V
180 Ah Cells		180 Ah	4.608 Wh	25,60 V	180 Ah	9.216 Wh	51,2 V	360 Ah	29.952 Wh	83,2 V
		360 Ah	9.216 Wh	25,60 V	360 Ah	18.432 Wh	51,2 V	540 Ah	44.928 Wh	83,2 V
		540 Ah	13.824 Wh	25,60 V	540 Ah	27.648 Wh	51,2 V	720 Ah	59.904 Wh	83,2 V
		720 Ah	18.432 Wh	25,60 V	720 Ah	36.864 Wh	51,2 V	900 Ah	74.880 Wh	83,2 V
Common parameters to all batteries	Cell chemistry	Lithium / Iron Phosphate								
	Operating temperature	-10 °C to 55 °C (no cold storage)								
	Operating temperature of charging	0 °C to 40 °C								
	Protection Rating	IP65								
	Standard charging time (at 0.5 C)	2 h								
	Fast charging time (at 1 C)	1 h								
	80% DOD Life Cycles	5.000								
	Weight and dimensions	According to machine data sheet								