

1.1.1 Rated Specs

<i>NAME</i>	<i>SYMBOL</i>	<i>UNITS</i>	<i>VALUE</i>
<i>Maximum Voltage</i>	V_max	[V]	3500
<i>Maximum Energy</i>	W_max	[J]	6737.5
<i>Maximum Average Power</i>	P_max	[W]	3500
<i>Minimum Cycle Time</i>	tc_min	[s]	10
<i>Maximum Current</i>	Ip_max	[A]	30000
<i>Maximum Current Rise Rate</i>	di_dt	[A/s]	
<i>Maximum I2t</i>	I2t_max	[A ² s]	
<i>Maximum Charging Current per Phase</i>	I_charge_max	[A]	
<i>Voltage Resolution</i>	V_res	[V]	1
<i>Voltage Accuracy</i>	V_acc	[]	
<i>Minimum Working Temperature</i>	T0_min	[°C]	
<i>Maximum Working Temperature</i>	T0_max	[°C]	
<i>Internal Resistance</i>	R_int	[ohm]	0.01
<i>Internal Inductance</i>	L_int	[uH]	0.3
<i>Maximum Weight</i>	We_max	[kg]	418