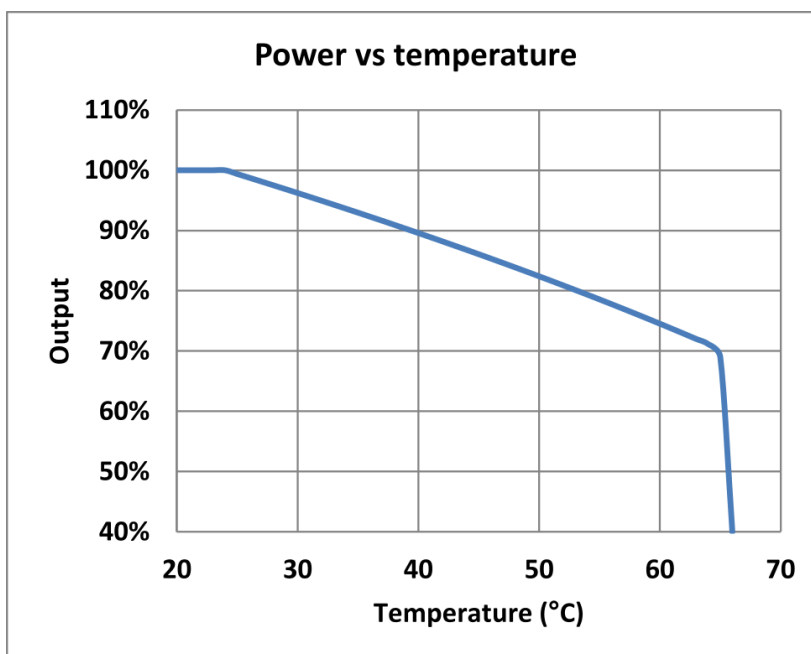


1. Inverters: continuous output rating as function of temperature

In our datasheets inverters, and the inverter function of Leonardo System products, are rated at 25°C (75°F). On average, derating at higher temperatures is as shown below.

TEMPERATURE		CONT. OUTPUT
°C	°F	%
Low temp.	Low temp.	100
25	77	100
30	86	96
35	95	93
40	104	90
50	122	82
60	140	75
65	149	69
High temp.	High temp.	0



2. Battery chargers: continuous output rating as a function of temperature

In our datasheets battery chargers are rated at 40°C (104°F). The battery charger function of our Leonardo System products is rated at 25°C (77°F). Derating for higher temperatures is approximately as follows:

Blue curve: products rated at 25°C (77°F)			Red curve: products rated at 40°C (104°F)		
TEMPERATURE		CONT. OUTPUT	TEMPERATURE		CONT. OUTPUT
°C	°F	%	°C	°F	%
25	77	100	-	-	-
30	86	95	-	-	-
35	95	88	-	-	-
40	104	80	40	104	100
50	122	62	50	122	77
60	140	36	60	140	45
65	149	0	65	149	0

