

**Conventional and reasonable loads for an EPS switch connected to Sofar Battery System**

EPS Rate power	Rate voltage	Output Rate current	Output peak current	Buck-boost current	Bat current	Peak power
3000VA	230V	13.3A	32.0A	14.5A	1 x Pylon US2000B 25A max 2 x Pylon US2000B 50A max 3 x Pylon US2000B 70A max 4 x Pylon US2000B 70A max	1.5*P rated , 10S
if you have 3 or 4 PCS Pylon US2000B	Resistive Load	3KVA	3.0KVA	such as toaster ,incandescent light bulb		
	Inductive Load	Single 1.0KVA	Total 1.5KVA	such as Air conditioner,washer,Fan , freezer eletric motor is inductive Load		
	Capacitive Load	Single 1.0KVA	Total 1.5KVA	such as computer, switch power ect is Capacitive Load		
if you have 2 PCS Pylon US2000B	Resistive Load	2.2KVA	2.2KVA	such as toaster ,incandescent light bulb		
	Inductive Load	Single 0.7KVA	Total 1.0KVA	such as Air conditioner,washer,Fan , freezer eletric motor is inductive Load		
	Capacitive Load	Single 0.7KVA	Total 1.0KVA	such as computer, switch power ect is Capacitive Load		
if you have 1 PCS Pylon US2000B	Resistive Load	1.1KVA	1.1KVA	such as toaster ,incandescent light bulb		
	Inductive Load	Single 0.3KVA	Total 0.5KVA	such as Air conditioner,washer,Fan , freezer, eletric motor is inductive Load		
	Capacitive Load	Single 0.3KVA	Total 0.5KVA	such as computer, switch power ect is Capacitive Load		