

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 have2 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		