

TECHNICAL BRIEF



## IIS INVERTER SERIES: DERATED LOAD RATINGS FOR EXTENDED RUNTIMES

While IOTA IIS Inverters are typically used for 90-minute runtimes per the Life Safety Code, extended emergency runtimes can be achieved by balancing the load demand with the battery capacity.

Refer to the chart for the reduced load size required to achieve the desired emergency runtime:

		LOAD RATING FOR EXTENDED RUNTIME		
		2 hrs	3 hrs	4 hrs
IIS MODEL	IIS-25-I	19W	--	--
	IIS-35-I	26W	--	--
	IIS-35-HE	26W	--	--
	IIS-50-HE	38W	--	--
	IIS-125	110W	80W	65W
	IIS-350	300W	225W	185W
	IIS-375	300W	225W	185W
	IIS-550	455W	345W	280W

For more information regarding derating the IIS Series for extended emergency operation, contact our Customer Service team at 1-800-866-4682.