

TABLE 1 THE ENERGY INDEPENDENCE AND SECURITY ACT OF 2007 MANDATES

Active mode	
Nameplate-output power (P_{No})	Required efficiency (decimal equivalent of percentage)
<1W	$0.5 \times P_{No}$
1 to 51W	$[(0.09)\ln(P_{No})]+0.5$
>51W	0.85
No-load mode	
Nameplate-output power (P_{No})	Maximum consumption
<250W	0.5W