


List of Electric Propulsion Thrusters flown or ordered																												
																												
Satellite	Operator	In flight / flown	Launch	Application	Platform	Prime	Launch Vehicle	Launch Mass (kg)	Bol. Mass (kg)	Power Capacity (kW)	Power to EP (kW)	Number of thrusters	EOR	SX	PPS 1350-G	PPS 1350-E	PPS 5000	SPT 70	SPT 100	SPT 140	XR-5	TS	T6	XIPS-25	XIPS-13	HEMPT 3050	NSTAR	μ10
Ekspress-1	RSCC	Y	1994	Communication	MSS-2500-GSO	NPO		2500				8	N	Y					8									
Gals 1	RSCC	Y	1994	Communication	MSS-2500-GSO	NPO	Proton-K Blok DM-2M	2500				8	N	Y					8									
Gals 2	RSCC	Y	1995	Communication	MSS-2500-GSO	NPO	Proton-K Blok DM-2M	2500				8	N	Y					8									
Astra 1H		Y	1995		BSS-601HP	Boeing Satellite Systems		3700	2480			4	N	Y										4				
Ekspress-2	RSCC	Y	1996	Communication	MSS-2500-GSO	NPO		2500				8	N	Y					8									
Astra 2A		Y	1996		BSS-601HP	Boeing Satellite Systems		3626	2470			4	N	Y										4				
Galaxy 8i	PanAmSat	Y	1997		BSS-601HP	Boeing Satellite Systems		3537				4	N	Y											4			
PAS 5	PanAmSat	Y	1997		BSS-601HP	Boeing Satellite Systems		3600				4	N	Y											4			
PAS 6B	PanAmSat	Y	1998		BSS-601HP	Boeing Satellite Systems		3470				4	N	Y											4			
Eutelsat 115 West A SATMEX 5	Eutelsat Americas	Y	1998		BSS-601HP	Boeing Satellite Systems		4135				4	N	Y											4			
Deep Space 1	NASA	Y	1998	Science	NASA							1	All Electric	All Electric													1	
Ekspress-A 1	RSCC	Y	1999	Communication	MSS-2500-GSO	NPO		2500				8	N	Y					8									
Yamal 101	GazKom	Y	1999	Communication	USP Bus	RKK Energiya		1360		1.5		8	N	Y				8										
Yamal 102	GazKom	Y	1999	Communication	USP Bus	RKK Energiya		1360		1.5		8	N	Y				8										
Galaxy 11	PanAmSat	Y	1999		BSS-702	Boeing Satellite Systems		4477				4	N	Y											4			
Orion 3	Orion Network System	Y	1999		BSS-601HP	Boeing Satellite Systems		4300				4	N	Y											4			
Ekspress-A 2	RSCC	Y	2000	Communication	MSS-2500-GSO	NPO		2500				8	N	Y					8									
Ekspress-A 3	RSCC	Y	2000	Communication	MSS-2500-GSO	NPO		2500				8	N	Y					8									
SESAT-1 (Eutelsat 15C)	Eutelsat	Y	2000		NPO			2500				8	N	Y					8									
Galaxy 4R	PanAmSat	Y	2000		BSS-601HP	Boeing Satellite Systems		3668				4	N	Y											4			
Galaxy 4R	PanAmSat	Y	2000		BSS-601HP	Boeing Satellite Systems		3475				4	N	Y											4			
PAS 1R	PanAmSat	Y	2000		BSS-702	Boeing Satellite Systems		4792				4	N	Y											4			
PAS 9	PanAmSat	Y	2000		BSS-601HP	Boeing Satellite Systems		3659				4	N	Y											4			
XM 1	XM Satellite Radio Holdings	Y	2001		BSS-702	Boeing Satellite Systems		4682				4	N	Y											4			
XM 2	XM Satellite Radio Holdings	Y	2001		BSS-702	Boeing Satellite Systems		4682				4	N	Y											4			
PAS 10	PanAmSat	Y	2001		BSS-601HP	Boeing Satellite Systems		3739				4	N	Y											4			
Artemis	ESA	Y	2001	Communication	ESA		Ariane-5G	3100					Y	Y														
Ekspress-A 1R	RSCC	Y	2002	Communication	MSS-2500-GSO	NPO		2500				8	N	Y					8									
Galaxy 3C	PanAmSat	Y	2002		BSS-702	Boeing Satellite Systems		4810				4	N	Y											4			
Astra 1K	SES	Y	2002	Communication	Spacebus-3000B3S	Thales Alenia Space		5250				4	N	Y					4									
Ekspress-A M22 (SESAT 2)	RSCC	Y	2003	Communication	MSS-2500-GSO	NPO		2542				8	N	Y					8									
Yamal 201	GazKom	Y	2003	Communication	USP Bus	RKK Energiya		1360		1.5		8	N	Y				8										
Galaxy 13	PanAmSat	Y	2003		BSS-601HP	Boeing Satellite Systems		4060	2630			4	N	Y											4			
Hayabusa-1	Jaxa	Y	2003	Science	Jaxa			510				4	All Electric	All Electric														4
SMART-1	ESA	Y	2003	Science / Technology Experiment	ESA	Swedish Space Corporation	Ariane-5GS	350				1	All Electric	All Electric	1													
Ekspress-A M1	RSCC	Y	2004	Communication	MSS-2500-GSO	NPO		2542				8	N	Y					8									
Ekspress-A M11	RSCC	Y	2004	Communication	MSS-2500-GSO	NPO		2542				8	N	Y					8									
Intelsat 10-02	Intelsat	Y	2004	Communication	Eurostar-3000	Airbus	Proton	5575		1.5		4	N	Y					4									
Mbsat 1	Mobile Broadcasting Corp	Y	2004		SSL 1300	Space System Loral	Atlas 3A	4143				4	N	Y					4									
Ekspress-A M2	RSCC	Y	2005	Communication	MSS-2500-GSO	NPO		2542				8	N	Y					8									
Ekspress-A M3	RSCC	Y	2005	Communication	MSS-2500-GSO	NPO		2542				8	N	Y					8									
Inmarsat-4 F1	Inmarsat	Y	2005	Communication	Eurostar 3000GM	Airbus	Atlas-5	5959				4	N	Y					4									
Inmarsat-4 F2	Inmarsat	Y	2005	Communication	Eurostar 3000GM	Airbus	Zenit 35LB	5945				4	N	Y					4									
Spaceway 1	DirectV, Hughes	Y	2005		BSS-702	Boeing Satellite Systems		6080 (3832 Bol)				4	N	Y											4			
Spaceway 2	DirectV, Hughes	Y	2005		BSS-702	Boeing Satellite Systems		6116 (3832 Bol)				4	N	Y											4			

