

Canister Attributes

Vendor	Cask System	Canister Family	Canister	Licensed Purpose	Canister Storage License Type	Storage License Number	Transport License Number	Fuel Type	Damaged/Debris Container Capacity Note 1	Total Capacity	Weight Empty (pounds)	Weight Loaded (pounds)	Thermal Limit-Storage (kW)	Thermal Limit-Transport (kW)	Max Burnup-Storage (GWD/MTU)	Max Burnup-Transport (GWD/MTU)	Overall Length (inches)	Overall Diameter (inches)	Cavity Length (inches)	Cavity Diameter (inches)	Lid Thickness (inches)	Bottom Thickness (inches)	
Energy Solutions	FuelSolutions	W74T	W74T	Storage and Transportation	General License	72-1026	71-9276	BWR	8	64	42,200	75,375	24.8	17.6	40.0	32.0	192.25	66.00	173.00	64.75	10.25	8.25	
	VSC-24	MSB-Long	MSB-Long	Storage Only	General License	72-1007		PWR	0	24	21,686	68,685	24.0		45.0		192.25	62.50		60.50	12.50	0.75	
		MSB-Short	MSB-Short	Storage Only	General License	72-1007		PWR	0	24	19,570	56,860	24.0		45.0		164.20	62.50		60.50	12.50	0.75	
		MSB-Standard	MSB-Standard	Storage Only	General License	72-1007		PWR	0	24			24.0		45.0		180.30	62.50		60.50	12.50	0.75	
Holtec	HI-STAR 100	MPC-68 (HI-STAR)	MPC-68 (HI-STAR)	Storage and Transportation	General License	72-1008	71-9261	BWR	16	68	39,000	90,000	18.5	18.5	33.8	32.0	190.30	68.50	178.30	67.50	9.50	2.50	
	HI-STAR 100HB	MPC-HB	MPC-HB	Storage and Transportation	Site Specific	SNM-2514	71-9261	BWR	40	80	27,000	59,000	2.0	2.0	23.0	23.0	114.70	68.50	106.00	67.50	9.50	2.50	
	HI-STORM 100	MPC-24 (HI-STORM)	MPC-24 (HI-STORM)	MPC-24 (HI-STORM)	Storage and Transportation	General License	72-1014	71-9261	PWR	0	24	42,000	90,000	36.9	20.0	68.2	37.0	190.31	68.50	178.31	67.50	9.50	2.50
			MPC-24E (HI-STORM)	MPC-24E (HI-STORM)	Storage and Transportation	General License	72-1014	71-9261	PWR	4	24	45,000	90,000	36.9	20.0	68.2	37.0	190.31	68.50	178.31	67.50	9.50	2.50
			MPC-24EF (HI-STORM)	MPC-24EF (HI-STORM)	Storage and Transportation	General License	72-1014	71-9261	PWR	4	24	45,000	90,000	36.9	20.0	68.2	37.0	190.31	68.50	178.31	67.50	9.50	2.50
		MPC-32 (HI-STORM)	MPC-32 (HI-STORM)	MPC-32 (HI-STORM)	Storage and Transportation	General License	72-1014	71-9261	PWR	8	32	36,000	90,000	36.9	20.0	68.2	31.2	190.31	68.50	178.31	67.50	9.50	2.50
			MPC-32F	MPC-32F	Storage Only	General License	72-1014		PWR	8	32	36,000	90,000	36.9	20.0	68.2	31.2	190.31	68.50	178.31	67.50	9.50	2.50
		MPC-68 (HI-STORM)	MPC-68 (HI-STORM)	Storage and Transportation	General License	72-1014	71-9261	BWR	8	68	39,000	90,000	36.9	18.5	65.0	32.0	190.31	68.50	178.31	67.50	9.50	2.50	
	MPC-68M	MPC-68M	Storage Only	General License	72-1014		BWR	8	68	39,000	90,000	36.9	18.5	65.0	32.0	190.31	68.50	178.31	67.50	9.50	2.50		
	HI-STORM FW	MPC-89	MPC-89	Storage Only	General License	72-1032		BWR	16	89	36,600	116,400	46.4		65.0		190.00	75.50	178.00	74.50	9.00	3.00	
		MPC-37	MPC-37	Storage Only	General License	72-1032		PWR	12	37	40,500	116,400	47.1		68.2		181.00	75.50	169.00	74.50	9.00	3.00	
	HI-STORM TranStor	MPC-24E (TranStor)	MPC-24E (TranStor)	Storage and Transportation	Site Specific	SNM-2509	71-9261	PWR	4	24					17.4				68.50		67.50		
		MPC-24EF (TranStor)	MPC-24EF (TranStor)	Storage and Transportation	Site Specific	SNM-2509	71-9261	PWR	4	24					17.4				68.50		67.50		
	HI-STORM UMAX	MPC-37	MPC-37	Storage Only	General License	72-1040		PWR	12	37	40,500	116,400			68.2		181.00	75.50	169.00	74.50	9.00	3.00	
NAC	NAC-MAGNASTOR	TSC PWR	TSC PWR	Storage Only	General License	72-1031		PWR	4	37	40,000	102,500	35.5		60.0		184.80	71.00		70.00	9.00	2.75	
	NAC-MPC	CY-MPC, 26 Assy	CY-MPC, 26 Assy	Storage and Transportation	General License	72-1025	71-9235	PWR	26	26	30,721	65,821	17.5	17.0	43.0	43.0	151.75	70.64		69.39	8.00	1.75	
		LACBWR	LACBWR	Storage and Transportation	General License	72-1025	71-9235	BWR	32	68	24,130	54,730	12.5	4.5	36.0	22.0	122.50	70.64		69.39	8.00	1.00	
		Yankee-MPC	Yankee-MPC	Storage and Transportation	General License	72-1025	71-9235	PWR	24	36	24,130	54,730	12.5	12.5	36.0	36.0	122.50	70.64		69.39	8.00	1.00	
	NAC-UMS	UMS-PWR	TSC-Class 1	TSC-Class 1	Storage and Transportation	General License	72-1015	71-9270	PWR	4	24	32,900	70,600	23.0	20.0	60.0	45.0	175.10	67.10	163.30	65.85	10.00	1.75
TSC-Class 2			TSC-Class 2	Storage and Transportation	General License	72-1015	71-9270	PWR	0	24	34,400	72,900	23.0	20.0	60.0	45.0	184.20	67.10	172.40	65.85	10.00	1.75	
TSC-Class 3			TSC-Class 3	Storage and Transportation	General License	72-1015	71-9270	PWR	0	24	35,200	70,800	23.0	20.0	60.0	45.0	191.80	67.10	180.00	65.85	10.00	1.75	
TransNuclear	NUHOMS 0708	NUHOMS 07P	NUHOMS 07P	Storage Only	Site Specific	SNM-2502		PWR		7		22,000	7.0				179.00	37.00	163.50	36.00			
	NUHOMS HD	NUHOMS 32PTH	NUHOMS 32PTH	Storage and Transportation	General License	72-1030	71-9302	PWR	16	32	58,000	108,850	34.8	26.0	60.0	62.0	193.00	69.75	171.63	68.75			
	Standardized NUHOMS	NUHOMS 24P	NUHOMS 24PL	NUHOMS 24PL	Storage Only	General License	72-1004		PWR	0	24	35,426	75,794	24.0		45.0		186.29	67.19	173.00	65.94		
			NUHOMS 24PS	NUHOMS 24PS	Storage Only	General License	72-1004		PWR	0	24	37,761	78,128	24.0		45.0		186.29	67.19	167.00	65.94		
		NUHOMS 24PHB	NUHOMS 24PHBL	NUHOMS 24PHBL	Storage Only	General License	72-1004		PWR	24	24	35,426	75,794	24.0		55.0		186.17	67.19	173.00	65.94		
			NUHOMS 24PHBS	NUHOMS 24PHBS	Storage Only	General License	72-1004		PWR	24	24	37,761	78,128	24.0		55.0		186.17	67.19	167.00	65.94		
		NUHOMS 24PTH	NUHOMS 24PTH-L	NUHOMS 24PTH-L	Storage and Transportation	General License	72-1004	71-9302	PWR	12	24	53,300	93,700	40.8	26.0	62.0	62.0	192.55	67.19	175.60	66.19		
			NUHOMS 24PTH-S	NUHOMS 24PTH-S	Storage and Transportation	General License	72-1004	71-9302	PWR	12	24	52,000	92,400	40.8	26.0	62.0	62.0	186.55	67.19	169.60	66.19		
			NUHOMS 24PTH-S-LC	NUHOMS 24PTH-S-LC	Storage and Transportation	General License	72-1004	71-9302	PWR	12	24	49,100	89,500	24.0	24.0	62.0	62.0	186.55	67.19	173.28	66.19		
		NUHOMS 32P	NUHOMS 32P	Storage Only	Site Specific	SNM-2505		PWR			32												
		NUHOMS 32PT	NUHOMS 32PT-L100	NUHOMS 32PT-L100	Storage and Transportation	General License	72-1004	71-9302	PWR	0	32	45,460	89,140	24.0	24.0	45.0	45.0	192.55	67.19	175.60	66.19		
			NUHOMS 32PT-L125	NUHOMS 32PT-L125	Storage and Transportation	General License	72-1004	71-9302	PWR	0	32	47,560	101,380	24.0	24.0	45.0	45.0	192.55	67.19	173.10	66.19		
			NUHOMS 32PT-S100	NUHOMS 32PT-S100	Storage and Transportation	General License	72-1004	71-9302	PWR	0	32	44,470	88,150	24.0	24.0	45.0	45.0	186.55	67.19	169.60	66.19		
			NUHOMS 32PT-S125	NUHOMS 32PT-S125	Storage and Transportation	General License	72-1004	71-9302	PWR	0	32	46,570	100,380	24.0	24.0	45.0	45.0	186.55	67.19	167.10	66.19		
		NUHOMS 37PTH	NUHOMS 37PTH-M	NUHOMS 37PTH-M	Storage and Transportation	General License	72-1004	71-9302	PWR	4	37	47,700	109,300	30.0	22.0	62.0	62.0	189.25	69.75	171.63	68.75		
			NUHOMS 37PTH-S	NUHOMS 37PTH-S	Storage and Transportation	General License	72-1004	71-9302	PWR	4	37	46,400	108,100	30.0	22.0	62.0	62.0	182.00	69.75	164.38	68.75		
		NUHOMS 52B	NUHOMS 52B	Storage Only	General License	72-1004		BWR	0	52	37,225	74,925	19.2		35.0		196.00	67.19	177.50	65.94			
		NUHOMS 61BT	NUHOMS 61BT	Storage and Transportation	General License	72-1004	71-9302	BWR	61	61	45,390	88,390	18.3	18.3	40.0	40.0	195.92	67.25	179.50	66.25			
		NUHOMS 61BTH	NUHOMS 61BTH Type 1	NUHOMS 61BTH Type 1	Storage and Transportation	General License	72-1004	71-9302	BWR	16	61	45,700	88,700	22.0	22.0	62.0	62.0	196.00	67.25	179.50			
			NUHOMS 61BTH Type 2	NUHOMS 61BTH Type 2	Storage and Transportation	General License	72-1004	71-9302	BWR	16	61	50,120	93,120	31.2	24.0	62.0	62.0	196.00	67.25	179.50			
			NUHOMS 61BTHF	NUHOMS 61BTHF	Storage and Transportation	General License	72-1004	71-9302	BWR	16	61							196.00	67.25	179.50			
		NUHOMS FC-DSC	NUHOMS FC-DSC	Storage and Transportation	Site Specific	SNM-2510	71-9255	PWR	0	24	41,230	81,120	13.5	13.5	40.0	40.0	186.20	67.19	173.00	65.94			
	NUHOMS FF-DSC	NUHOMS FF-DSC	Storage and Transportation	Site Specific	SNM-2510	71-9255	PWR	13	13	48,220	74,900	9.9	9.9	40.0	40.0	186.20	67.19	173.00	65.94				
	NUHOMS FO-DSC	NUHOMS FO-DSC	Storage and Transportation	Site Specific	SNM-2510	71-9255	PWR	0	24	43,890	80,710	13.5	13.5	40.0	40.0	186.20	67.19	167.00	65.94				
	Advanced NUHOMS	NUHOMS 24PT1	NUHOMS 24PT1	Storage and Transportation	General License	72-1029	71-9255	PWR	4	24	46,700	78,400	14.0	14.0	45.0	45.0	186.50	67.19	167.00	65.94			
		NUHOMS 24PT4	NUHOMS 24PT4	Storage and Transportation	General License	72-1029	71-9302	PWR	12	24	47,450	85,000	24.0	24.0	60.0	60.0	196.30	67.20	180.20	66.14			

Note 1: The specific technical specification should be consulted to determine types of fuel allowed including damaged fuel. Damaged fuel and debris is more complex than portrayed in this column.