



GENERAL TOLERANCE  $\pm 1\text{mm}$   
 WEIGHT 7.177 Kg  $\pm 200\text{g}$   
 DIMENSION 274 X 258 X 194mm  
 CENTRE OF GRAVITY (E): X=120,4; Y=136,2;  
 Z=77,4  
 MOMENT OF INERTIA (E): Jx=6,23X10<sup>-2</sup> Kg<sup>m2</sup>  
 Jy=5,73X10<sup>-2</sup> Kg<sup>m2</sup>  
 Jz=7,70X10<sup>-2</sup> Kg<sup>m2</sup>

CASING MATERIAL: ANTICORDDAL 6082  
 SURFACE TREATMENT: ALODINE 1200:  
 alfa solar = 0,604  
 R-solar = 0,396  
 epsilon IR = 0,172  
 R-IR = 0,828

THERMAL CAPACITANCE: 7.177J/°C (E)  
 CONTACT AREA OF BASEPLATE PLUS FEET 64428mm<sup>2</sup>  
 FLATNESS OF MOUNTING AREA: 0.1mm/100mm  
 CONNECTORS:  
 J01= DEMA-9P From DPU Prime to PDU Prime  
 J02= DEMA-9P From DPU Red. to PDU Red.  
 J03= DEMA-9S From DPU Prime to Bus A Prime  
 J04= DEMA-9S From DPU Prime to Bus B Prime  
 J05= DEMA-9S From DPU Red. to Bus A Red.  
 J06= DEMA-9S From DPU Red. to Bus B Red.  
 J07= DBMA-25P From DPU Prime to DCE Prime  
 J10= DBMA-25P From DPU Red. to DCE Red.  
 J08= DBMA-25P From DPU Prime to MCE Prime  
 J11= DBMA-25P From DPU Red. to MCE Red.  
 J09= DBMA-25P From DPU Prime to SCE Prime  
 J12= DBMA-25P From DPU Red. to SCE Red.

UPDATED: 23/02/2003 P. Baldetti (rev. 4)  
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Consiglio Nazionale delle Ricerche Istituto di Fisica dello Spazio Interplanetario Via del Fosso del Mulino n. 100 tel. 06/1993 per 06/1993333	data 5/04/2001 	prog. Baldetti scala	dis. materiale	
		tratt.		
	rev. 4 data 23/02/03	toll.	Progetto: HERSCHEL- HSDPU	
			titolo: HSDPU	N. dis HER S005/03