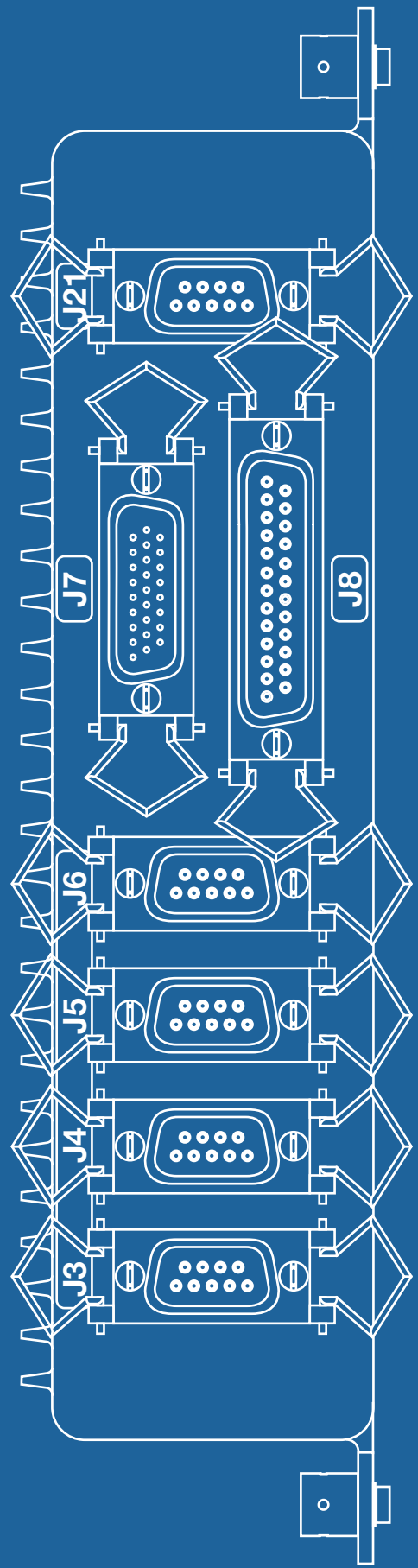


NEW



SKYpower SPM – ONE SERVES UP TO 4 SEATS

The new enhanced Seat Power Module provides AC and DC power to the IFE equipment as well as to the passenger power equipment.

TECHNICAL DATA

Dimensions:	163 x 200 x 53.8 mm
Weight:	max. 1.6 kg
Power input:	115V AC / 360-800Hz one phase (3 phases daisy chain)
Power consumption:	max. 470W @ 250W PED load and 150W 28V DC. Passive Cooling
PED Power output:	110V AC / 60Hz max. 250W total 4 power outputs / max. 150W each
Safety functions:	over current and over/under voltage protection, short circuit and thermal protection, GFI for passenger safety (according to UL 943 Class A) continuously tested
IFE power out:	28V DC max. 150W Short circuit protection
BITE:	power up and continuous build in test
Qualifications:	according to Airbus (incl. A380) and Boeing requirements

INTERFACES

- **Data line (3 level) input** for PED output power control
- **Serial interfaces (RS-485)** for data exchange with other in-seat components (according to ARINC 628) for:
 - BITE (e.g. centralized BITE via IFE)
 - Power Management
 - SW-Download
 - PPUI dimming
 - IFE power output control
 - Status data (e.g. centralized “Power In Use Indication” via IFE)
- **Discrete outputs** for power in use indication light (PPUI):
 - One or two general common PPUI
 - One per ACOU
 - Dimmable via RS-485
 - Discrete input to control PED, IFE and Aux. Power
 - Service Interface (RS-232)

INTERCHANGEABILITY

PED Power compatible with SKYpower

AUXILIARY POWER OUTPUT

3 phases 115V AC switchable

