

OUTDOOR PMU PANEL-5KVA



PRODUCT DESCRIPTION

Power Management Unit (PMU) alternately named LT panel designed by Lineage Power, manages to integrate incoming EB power, Type-1 Surge protection LSP Stage I, Alarm panel & DC distribution for the power requirement at the telecom tower site in a compact & user-friendly outdoor enclosure. Stage I LSP is a TSEC-approved product fixed with the stand of PMU for easy interconnections.



TECHNICAL SPECIFICATION

PARAMETER

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AC RELATED	TOPOLOGY	Ultimate Capacity	5 kva
	AC RELATED	Connectivity	63a/2p mcb (FOR L & N)
		No. Of Phase	Single phase, 2 wire (LINE & NEUTRAL)
		Eb	Provision for 5kva eb kwh meter
		Surge Protection Device	Provision to mount external type-1 spd Enclosure on the pmu panel
		Nominal Input Voltage Range	170v – 270v (LINE TO NEUTRAL)
		Input Current	As per rated capacity
		Output Termination	Provided terminal blocks (WITH BUS BARS) for line and neutral termination

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LINEAGE POWER®

DC RELATED	Acdb	6a acdb socket & switch with mcb 6a sp
	Input 48vdc	Mcb 16a sp for -ve and terminal block for +ve
	Output- 48vdc	Power supply to Lighting-1 mcb 6a sp for -ve and Terminal block for +ve Lighting-2 mcb 6a sp for -ve and Terminal block for +ve Aviation lamp mcb 6a sp for -ve and Terminal block for +ve
	Output- 2 12vdc	Power supply to Camera-1 mcb 6a sp for -ve and Terminal block for +ve Camera-2 mcb 6a sp for -ve and Terminal block for +ve
ALARM PANEL	Alarms To Noc From Smpls / Hspv	Provisioned tb's to terminate up to 15 digital inputs
		Provisioned with up to 15 relay alarm panel (DIGITAL O/P) with pfc
ENCLOSURE/ MECHANICAL	Type & Degree Of Protection	Ip 55 (OUTDOOR) with 1.5 mm thick gi sheet duly Powder coated
	Dimension (H x W x D)	1291 (H) x 719 (W) x 280 (D) in mm



INSTALLATION	Cable Access	Cable entry bottom side with suitable Pg glands for entry and exit
	Earthing / Grounding	Provided earth bus bar inside the ats unit And diagonally on the plinth
ENVIRONMENTAL	Operating Temperature	-5 °c to +55 °c
	Storage Temperature	-20 °c to +70 °c
	Humidity	95% rh
	Noise Level	< 60 db

TECHNICAL SPECIFICATIONS



MODELS

MODEL NOS.	CAPACITY (KVA)	MODEL NOS.	CAPACITY (KVA)
PMU005K1P	5.0	PMU040K1P	40
PMU007K1P	7.5	PMU050K1P	50
PMU010K1P	10	PMU060K1P	60
PMU012K1P	12.5	PMU075K1P	75
PMU015K1P	15	PMU100K1P	100
PMU020K1P	20	PMU125K1P	125
PMU025K1P	25		
PMU030K1P	30		



ORDERING INFORMATION

Please contact your Lineage Power Sales Representative for pricing, lead-time/availability of the listed model nos. and in case of any customized requirement.

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